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CANCER MORTALITY STUDY

**IN
THE**

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF HEALTH
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FIVE - YEAR MORTALITY STUDY
1946 through 1950
IN THE
COMMONWEALTH OF PENNSYLVANIA

Conducted by *

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* Per 100,000 Estimated Population.

INTRODUCTION

The search for information which will shed some light on the problems associated with the control of cancer is a relentless one. It is not limited to the medical research worker. The private physician and the public health worker are alike interested in the answers to questions which might shed some light on the nature and extent of the malignant processes which take such a tremendous toll of human life.

Studies in mortality from cancer help by providing some of these answers. The connection between the number of deaths from cancer and the age, sex, race, place of residence and the sites of the cancerous growths is a revealing one in helping to define the problems more accurately.

This particular report on mortality from cancer in Pennsylvania, covering the period from 1946 through 1950, had its origins in an attempt to encourage the reporting of cancer morbidity. Death certificates on which cancer was mentioned were checked against reported cases, so that some picture of the completeness of morbidity reporting might be obtained. It was obvious from the beginning of this study that the death certificates in themselves were the source of valuable research data, and the study emphasis was shifted to take advantage of this fact.

For each of the five years covered by the study, every death certificate containing any mention of cancer was copied or photographed. Essential information was transferred to punch cards, and these cards were then mechanically sorted by selected categories. This statistical information on a residence basis only, was then compiled into tables related to the problems of the total numbers of death from cancer in Pennsylvania, the cancer death rates by county, the relationship between cancer and age at death and the sites affected by the cancerous growths.

The limitations of the study are obvious. The ramifications are barely hinted at. Yet any contribution which would serve to encourage a wider understanding of the nature of cancer as a killer would seem to be worthwhile. It is with this thought in mind that the following statistical information is presented.

PART A

TOTAL DEATHS FROM CANCER IN PENNSYLVANIA

Chart 1 shows that the number of deaths from cancer in Pennsylvania, for both sexes, has risen steadily since 1946. In that year there was a total of 14,334 cancer deaths. In 1950 there were 16,693 such deaths. Although male deaths from cancer in 1946 were fewer than female deaths, by 1950 more males than females died from cancerous diseases. The number of deaths for each sex increased steadily.

Table 1 gives the number of deaths from cancer for each year of the study, together with the figures for white and non-white deaths by sex.

Table 2 lists the cancer death rates by county for each year of the study, while Table 3 shows how the counties rank in magnitude of a theoretical death rate computed as a 5-year average. Some caution should be observed in interpreting rates by counties, since in cases where the county population is small and the number of deaths from cancer few, a rate might be a misleading indication of magnitude.

Chart 2 groups the counties pictorially according to four categories which show comparisons of the 5-year average death rate.

PART B

TOTAL DEATHS FROM CANCER ACCORDING TO AGE GROUPS

Table 4 takes the total number of deaths from cancer during the 5-year period, allocates these deaths to the county of residence and then distributes them according to selected age groupings. Two facts are worth comment. The number of cancer deaths occurring in the under 15 years of age group is significant enough to constitute a problem in itself, and in Pennsylvania during this period cancer was a vicious killer in the age groups 55-64 years and 65-74 years.

Chart 3 shows in diagram form, for males and females, a comparison between the numbers of deaths occurring in each age group.

Table 5 gives the age distribution by sex and color with the percentage distribution for each age group.

III

Table 6 gives the average age at death from cancer, for white and non-white males and females. It is interesting to notice that the degree of change from year to year, for each group, is relatively slight for white, more marked for non-whites.

Table 7 gives a percentage breakdown of total cancer deaths by age groups, for each of the five years of the study.

PART C

DATA ON CANCER BY SITE

Site data for this study were coded from the Memorial Hospital, New York City, Hayes Martin site listing for purposes of consistency.

Chart 4 shows in diagram form the relationship between the site of the cancer in males and the total percentage of cancer deaths.

Table 8 breaks down these same data further by color for each of the five years of the study.

Chart 5 and Table 9 give the same information for females. It is interesting to notice that while cancer of the Abdominal Cavity Viscera causes the highest percentage of deaths for both sexes, the percentage rank order of the remaining sites shows considerable variation.

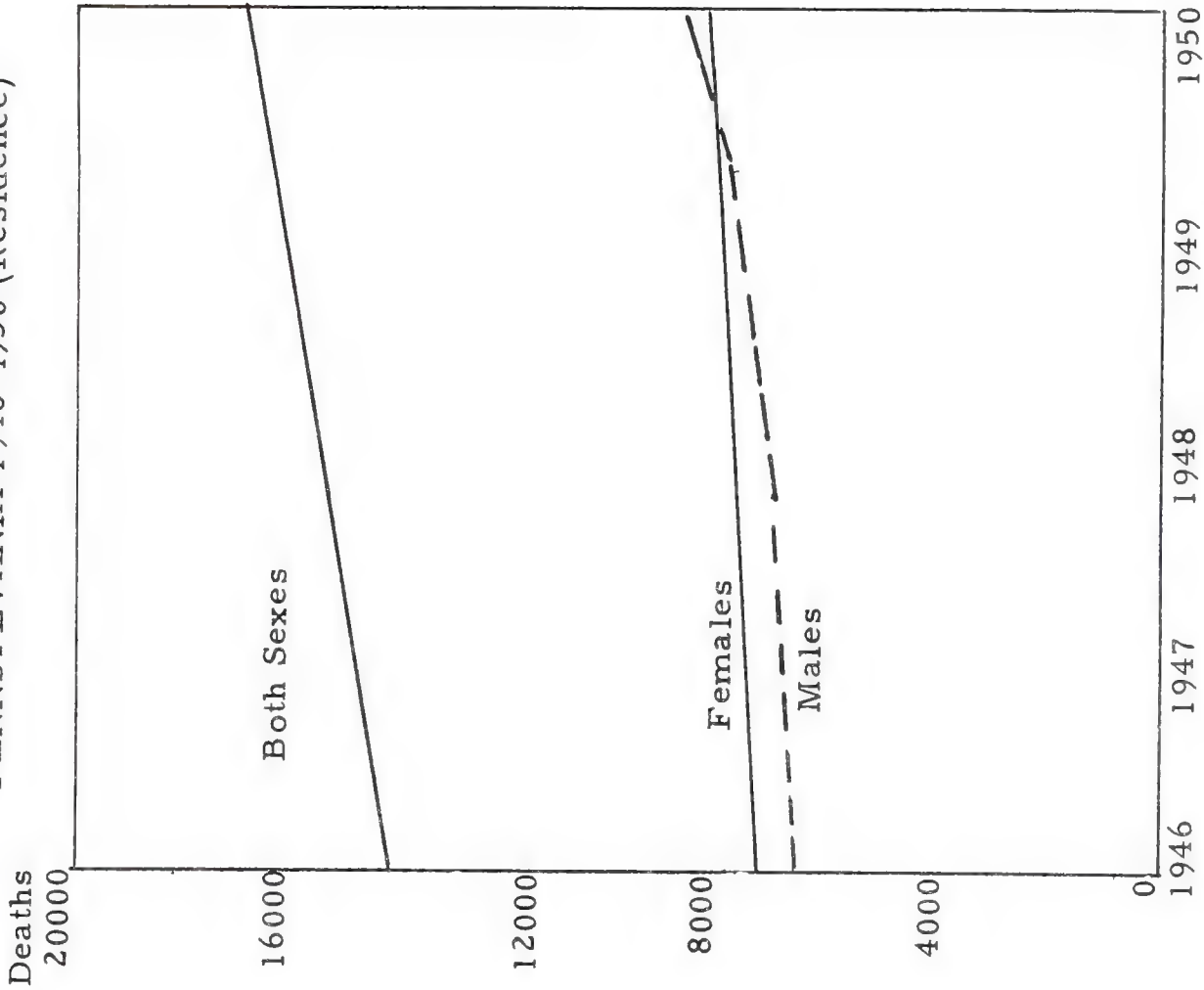
Table 10 gives for each county by sex of decedent, the numbers and rate per 100,000 population of cancer deaths by particular sites. The same caution as has been previously referred to must be used in interpreting these rates.

Table 11 takes each of the sites enumerated as part of the study, and gives a rank order of county rates in relation to these sites. It should be remembered that these are specific rates per 100,000 population. Again the rates should be interpreted with caution.

Table 12 shows in tabular form the breakdown on a few of the higher percentages of sites in Charts 4 and 5, according to year, age, sex and combined percentage. It is interesting to note the rather marked sexual differences shown in their relationship to age.

CHART I

TOTAL CANCER * DEATHS BY SEX
PENNSYLVANIA 1946-1950 (Residence)



The Annual Cancer Death Toll in Pennsylvania has increased from 14,334 persons in 1946 to 16,693 in 1950

* Diagnosis of Cancer Mentioned anywhere on Death Certificate

TABLE I

TOTAL CANCER * DEATHS BY SEX, COLOR AND RATE ** EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

YEAR	TOTAL	RATE	WHITE		NON - WHITES	
			MALES	FEMALES	MALES	FEMALES
1946	14334	140.0	6550	7066	352	366
1947	14940	144.1	6796	7405	364	375
1948	15842	151.0	7434	7567	412	429
1949	16245	154.7	7675	7725	437	408
1950	16693	159.0	7889	7856	497	451
TOTAL	78054	149.8 #	36344	37619	2062	2029

* Diagnosis of Cancer mentioned anywhere on Death Certificate.

** Per 100,000 Population

Average Rate for the State.

TABLE II
 CANCER * DEATH RATES ** BY COUNTY, EACH YEAR
 PENNSYLVANIA 1946-1950 (Residence)

COUNTY	1946	1947	1948	1949	1950	5-Year Average
State Total	140.0	144.1	151.0	154.7	159.0	149.8
Adams	118.8	119.6	124.8	75.7	135.7	114.9
Allegheny	139.9	149.2	154.7	159.1	154.0	151.4
Armstrong	115.4	121.9	151.2	128.4	120.0	127.4
Beaver	118.1	124.3	129.3	124.2	130.1	125.2
Bedford	139.1	149.5	116.5	117.1	115.2	127.4
Berks	156.8	149.4	156.6	154.9	160.7	155.7
Blair	144.1	137.3	141.9	143.2	166.2	146.5
Bradford	149.6	185.5	147.6	175.5	143.0	160.2
Bucks	136.6	136.1	146.0	151.5	129.9	140.0
Butler	124.0	116.7	120.5	146.3	151.0	131.7
Cambria	100.1	105.7	114.2	137.3	128.8	117.2
Cameron	70.7	168.0	55.4	70.2	99.6	92.7
Carbon	132.3	137.6	141.0	156.5	165.0	146.4
Centre	132.2	132.2	137.6	142.8	92.5	126.5
Chester	146.5	135.7	145.9	165.4	143.9	147.5

*Diagnosis of Cancer Mentioned anywhere on Death Certificate.

**Per 100,000 Population

CANCER * DEATH RATES ** BY COUNTY, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

COUNTY	1946	1947	1948	1949	1950	5-Year Average
State Total	140.0	144.1	151.0	154.7	159.0	149.8
Clarion	109.7	108.0	119.2	145.6	159.0	128.3
Clearfield	103.0	152.2	143.8	127.9	140.7	133.5
Clinton	131.2	141.2	156.1	127.6	180.7	147.4
Columbia	151.5	141.8	134.2	142.9	149.6	144.0
Crawford	160.8	135.4	145.9	142.0	157.0	148.2
Cumberland	138.7	176.8	164.6	151.8	140.8	154.5
Dauphin	151.3	140.4	141.7	165.3	161.2	151.9
Delaware	129.1	133.9	145.2	138.1	142.7	137.8
Elk	93.0	139.4	178.8	180.7	182.6	154.9
Erie	141.6	146.1	163.0	158.9	170.5	156.0
Fayette	113.4	122.2	138.4	124.7	145.9	128.9
Forest	132.6	19.0	152.4	137.3	182.0	124.6
Franklin	140.0	126.6	111.0	115.4	130.3	124.6
Fulton	96.7	119.9	133.5	89.4	134.7	114.8
Greene	112.3	116.4	101.4	118.6	110.1	111.7

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Per 100,000 Population

PENNSYLVANIA 1946-1950 (Residence)

COUNTY	1946	1947	1948	1949	1950	5-Year Average
State Total	140.0	144.1	151.0	154.7	159.0	149.8
Huntingdon	119.9	94.7	135.5	135.0	122.3	121.5
Indiana	111.9	130.8	102.9	118.6	138.7	120.5
Jefferson	103.0	134.2	118.4	155.7	162.7	134.8
Juniata	102.2	87.7	129.2	133.4	111.5	112.8
Lackawanna	170.4	157.7	196.2	190.6	196.2	182.2
Lancaster	134.5	141.6	139.4	154.5	148.7	143.7
Lawrence	135.6	127.5	146.8	129.5	158.9	139.7
Lebanon	106.2	116.2	115.3	130.1	135.8	120.7
Lehigh	147.2	170.4	139.1	156.4	155.3	153.6
Luzerne	124.4	133.5	140.4	153.6	159.0	142.1
Lycoming	133.6	146.7	166.7	169.3	168.9	157.0
McKean	108.1	132.8	132.3	145.6	136.0	131.0
Mercer	158.3	153.3	140.3	150.2	159.9	152.4
Mifflin	86.5	84.6	101.0	94.0	102.9	93.9
Monroe	176.6	160.1	185.6	184.5	171.7	175.7

* Diagnosis of Cancer Mentioned anywhere on Death Certificate

** Per 100,000 Population

CANCER * DEATH RATES ** BY COUNTY, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

COUNTY	1946	1947	1948	1949	1950	5-Year Average
State Total	140.0	144.1	151.0	154.7	159.0	149.8
Montgomery	133.4	146.1	158.3	153.1	154.4	149.1
Montour	113.6	133.8	145.6	125.8	131.3	130.0
Northampton	136.1	149.9	170.4	149.8	150.6	151.3
Northumberland	137.3	140.3	144.1	139.6	137.5	139.7
Perry	157.3	132.2	92.5	135.9	221.9	148.0
Philadelphia	161.4	164.7	171.5	178.8	187.7	172.8
Pike	242.3	234.9	214.6	188.9	118.6	197.0
Potter	165.7	157.8	162.0	137.4	142.7	153.1
Schuylkill	133.1	150.7	150.5	137.4	164.0	147.1
Snyder	141.7	133.3	157.4	150.6	135.3	143.6
Somerset	114.1	109.8	116.4	98.7	149.1	117.6
Sullivan	143.5	98.0	123.1	85.3	177.9	125.5
Susquehanna	161.8	129.7	157.8	172.8	175.2	159.5
Tioga	181.1	150.2	150.0	187.1	180.4	169.8

* Diagnosis of Cancer Mentioned anywhere on Death Certificate

** Per 100,000 population

CANCER * DEATH RATES ** BY COUNTY, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

COUNTY	1946	1947	1948	1949	1950	5-Year Average
State Total	140.0	144.1	151.0	154.7	159.0	149.8
Union	112.5	113.1	161.0	122.0	138.2	129.4
Venango	131.9	150.6	136.3	166.3	162.3	149.5
Warren	197.7	203.2	145.0	160.9	180.3	177.4
Washington	135.7	115.8	144.2	153.6	156.5	141.1
Wayne	146.8	181.1	183.2	172.3	175.6	171.8
Westmoreland	120.6	114.7	129.9	136.5	147.8	129.9
Wyoming	152.8	187.8	233.9	153.4	173.0	180.2
York	129.6	125.1	135.5	144.2	148.0	136.5

* Diagnosis of Cancer Mentioned anywhere on Death Certificate

** Per 100,000 Population

TABLE III

CANCER * DEATH RATES ** (5-YEAR AVERAGE) BY COUNTY RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

COUNTY	5 Year AVERAGE	COUNTY	5 Year AVERAGE
STATE	149.8		
Pike	197.0	Mercer	152.4
Lackawanna	182.2	Dauphin	151.9
Wyoming	180.2	Allegheny	151.4
Warren	177.4	Northampton	151.3
Monroe	175.7	Venango	149.5
Philadelphia	172.8	Montgomery	149.1
Wayne	171.8	Crawford	148.2
Tioga	169.8	Perry	148.0
Bradford	160.2	Chester	147.5
Susquehanna	159.5	Clinton	147.4
Lycoming	157.0	Schuylkill	147.1
Erie	156.0	Carbon	146.4
Berks	155.7	Blair	146.5
Elk	154.9	Columbia	144.0
Cumberland	154.5	Lancaster	143.7
Lehigh	153.6	Snyder	143.6
Potter	153.1	Luzerne	142.1

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Per 100,000 Population

PENNSYLVANIA 1946-1950 (Residence)

COUNTY	5 Year AVERAGE	COUNTY	5 Year AVERAGE
STATE	149.8	Bedford	127.4
Washington	141.1	Centre	126.5
Bucks	140.0	Sullivan	125.5
Lawrence	139.7	Beaver	125.2
Northumberland	139.7	Franklin	124.6
Delaware	137.8	Forest	124.6
York	136.5	Huntingdon	121.5
Jefferson	134.8	Lebanon	120.7
Clearfield	133.5	Indiana	120.5
Butler	131.7	Somerset	117.6
McKean	131.0	Cambria	117.2
Montour	130.0	Adams	114.9
Westmoreland	129.9	Fulton	114.8
Union	129.4	Juniata	112.8
Fayette	128.9	Greene	111.7
Clarion	128.3	Mifflin	93.9
Armstrong	127.4	Cameron	92.7

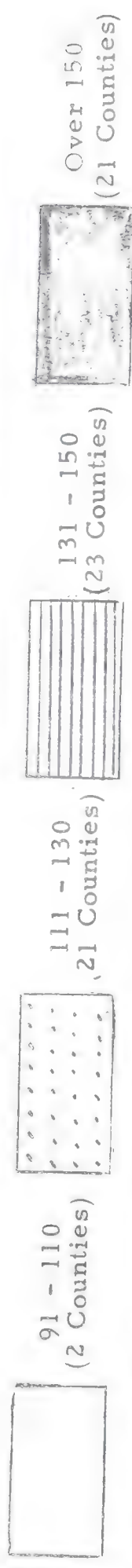
*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Per 100,000 Population

CANCER * DEATH RATES ** - (5 YEAR AVERAGE)

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 149.8



*Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** Per 100,000 Population

TABLE IV

TOTAL CANCER * DEATHS BY AGE GROUPS AND COUNTY
PENNSYLVANIA 1946-1950 (Residence)

11-B

COUNTY	Under 15	15-24	25-34	35-44	45-54	55-64	65-74	75 Plus	TOTAL
State Total	951	638	1640	4786	11396	20239	22290	16114	78054
Adams	6	4	2	18	34	55	72	64	255
Allegheny	126	93	260	742	1763	3170	3179	1886	11219
Armstrong	14	4	10	29	54	135	145	127	518
Beaver	17	10	22	83	167	297	296	182	1074
Bedford	8	7	1	17	22	54	67	75	251
Berks	24	16	35	110	292	464	534	460	1935
Blair	13	6	21	56	146	295	287	249	1073
Bradford	4	3	4	11	41	85	125	133	406
Bucks	12	6	14	50	117	260	236	208	903
Butler	7	9	9	38	59	142	198	148	610
Cambria	11	15	33	81	175	351	393	243	1302
Cameron	1	-	1	1	3	10	11	6	33
Carbon	6	3	4	20	74	134	124	82	447
Centre	6	4	6	18	50	92	89	95	360
Chester	16	14	27	62	142	235	305	287	1088
Clarion	2	1	9	18	27	41	74	73	245
Clearfield	5	6	9	36	70	113	188	149	576
Clinton	4	-	5	15	36	54	76	78	268
Columbia	4	4	9	16	46	73	119	108	379
Crawford	9	4	17	39	67	129	165	157	587
Cumberland	12	6	14	37	85	129	199	171	653
Dauphin	13	7	36	85	200	388	432	360	1521
Delaware	27	18	50	172	452	733	724	563	2739
Elk	5	4	8	13	27	51	84	72	264
Erie	30	11	34	94	221	440	473	334	1637
Fayette	16	21	33	81	166	320	375	225	1237
Forest	-	-	-	1	4	7	12	8	32
Franklin	9	5	10	35	58	99	134	113	463
Fulton	-	1	2	4	7	18	13	20	65
Greene	3	5	4	14	23	51	84	74	258
Huntingdon	1	1	3	16	33	51	82	68	255
Indiana	3	10	10	31	57	111	148	102	472
Jefferson	6	2	5	25	35	71	109	89	342

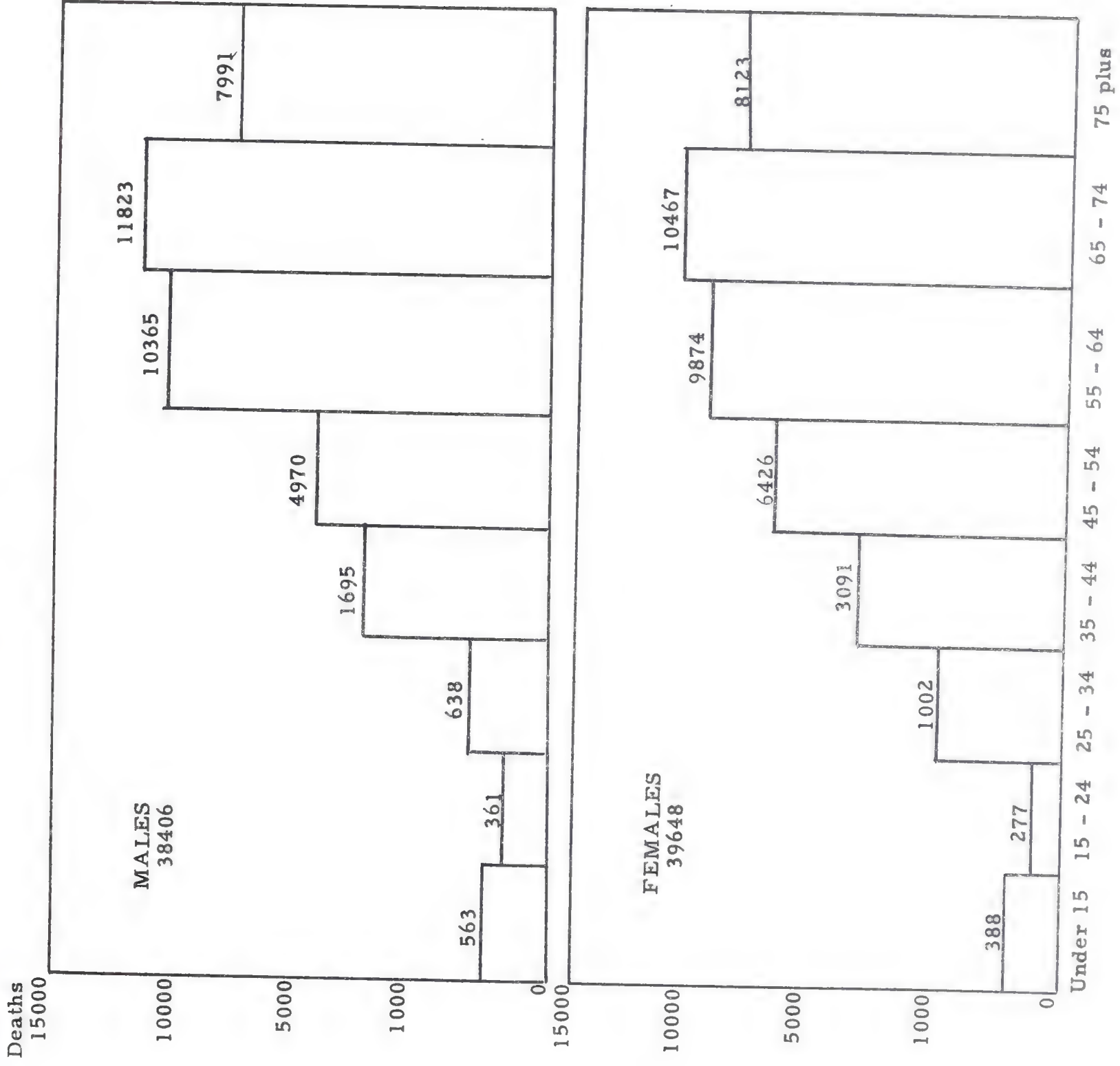
*Diagnosis of Cancer Mentioned anywhere on Death Certificate

PENNSYLVANIA 1946-1950 (Residence)

COUNTY	Under 15	15-24	25-34	35-44	45-54	55-64	65-74	75 Plus	TOTAL
State Total	951	638	1640	4786	11396	20239	22290	16114	78054
Juniata	1	1	3	4	8	13	34	25	89
Lackawanna	20	16	46	146	341	711	676	391	2347
Lancaster	27	10	31	70	220	351	424	495	1628
Lawrence	14	5	12	51	89	150	213	167	701
Lebanon	5	7	13	23	70	108	158	121	505
Lehigh	17	14	34	92	198	368	477	303	1503
Luzerne	25	25	79	208	453	885	786	467	2928
Lycoming	7	8	13	40	116	170	230	199	783
McKean	4	1	8	21	50	69	117	101	371
Mercer	8	5	20	47	115	192	245	196	828
Mifflin	4	1	5	19	29	42	58	44	202
Monroe	4	1	2	19	37	46	82	88	279
Montgomery	25	13	45	147	359	563	734	608	2494
Montour	1	-	-	10	9	13	36	31	100
Northampton	18	7	24	77	192	395	368	290	1371
Northumberland	8	14	28	55	123	208	237	155	828
Perry	3	2	2	9	14	38	51	55	174
Philadelphia	208	133	361	1162	2979	5013	5055	3332	18243
Pike	-	-	-	1	7	13	26	28	75
Potter	2	-	5	3	18	34	35	30	127
Schuylkill	20	12	34	84	241	441	484	238	1554
Snyder	2	4	5	8	25	31	36	45	156
Somerset	7	3	18	10	40	122	161	122	483
Sullivan	-	-	1	4	2	13	16	8	44
Susquehanna	2	4	1	14	25	58	75	74	253
Tioga	8	2	4	11	34	57	82	91	289
Union	3	-	3	8	10	32	45	37	138
Venango	3	1	14	41	62	111	139	110	481
Warren	10	5	4	17	37	71	107	104	355
Washington	24	11	40	88	196	420	448	260	1487
Wayne	1	2	2	8	21	65	74	70	243
Westmoreland	31	20	49	135	299	465	619	397	2015
Wyoming	1	-	2	9	13	23	45	50	143
York	18	11	25	77	211	290	365	373	1370

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

CHART III
TOTAL CANCER DEATHS BY AGE GROUPS AND SEX
PENNSYLVANIA 1946-1950 (Residence)



TOTAL CANCER * DEATHS BY AGE GROUPS, SEX AND COLOR, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

MALES

AGE GROUP	1946		1947		1948		1949		1950		TOTAL DEATHS		PERCENTAGE DISTRIBUTION	
	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.
Under 15	92	9	100	2	110	6	114	10	113	7	529	34	1.46	1.65
15 - 24	48	6	70	3	70	3	76	3	76	6	340	21	.93	1.01
25 - 34	97	4	116	5	115	7	146	7	132	9	606	32	1.67	1.55
35 - 44	280	30	299	30	334	28	318	40	305	31	1536	159	4.23	7.71
45 - 54	849	85	832	117	896	112	949	111	897	119	4423	547	12.17	26.53
55 - 64	1817	106	1819	94	2062	130	1977	131	2078	151	9753	612	26.83	29.68
65 - 74	2039	86	2140	81	2309	90	2400	89	2484	115	11362	461	31.66	22.36
75 plus	1328	23	1430	12	1538	36	1695	46	1804	59	7795	196	21.15	9.51
TOTAL	6550	352	6796	364	7434	412	7675	437	7889	497	36344	2062	100%	100%

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

TOTAL CANCER * DEATHS BY AGE GROUPS, SEX AND COLOR, EACH YEAR 15-B

PENNSYLVANIA 1946-1950 (Residence)

FEMALES

AGE GROUP	1946		1947		1948		1949		1950		TOTAL DEATHS		PERCENTAGE DISTRIBUTION	
	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.
Under 15	54	1	61	3	78	4	88	4	92	3	373	15	.99	.74
15 - 24	44	6	58	5	57	2	50	3	48	4	257	20	.68	.99
25 - 34	160	16	187	14	182	20	190	11	202	20	921	81	2.45	3.99
35 - 44	544	70	540	68	533	61	555	60	588	72	2760	331	7.34	16.31
45 - 54	1161	111	1159	106	1169	112	1214	112	1176	105	5879	547	15.63	26.96
55 - 64	1751	86	1884	91	1838	112	1935	109	1946	122	9354	520	24.86	25.63
65 - 74	1962	54	1970	60	2096	78	2012	71	2088	76	10128	339	26.92	16.71
75 plus	1390	22	1546	28	1614	39	1681	38	1716	49	7947	176	21.13	8.67
TOTAL	7066	366	7405	375	7567	429	7725	408	7856	451	37619	2029	100%	100%

* Diagnosis of Cancer Mentioned anywhere on Death Certificate

TABLE VI

TOTAL CANCER * DEATHS BY AVERAGE AGE, SEX AND COLOR, EACH YEAR 16-B

PENNSYLVANIA 1946-1950 (Residence)

YEAR	TOTAL	MALES		FEMALES	
		WHITE	NON-WHITE	WHITE	NON-WHITE
1946	62.46	63.53	57.17	62.19	53.71
1947	62.57	63.53	58.09	62.30	54.56
1948	62.70	63.51	58.28	62.51	56.08
1949	62.72	63.72	57.80	62.35	56.29
1950	62.97	64.17	59.27	62.40	56.30
AVERAGE	62.68	63.70	58.19	62.35	55.46

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

TABLE VII

PERCENTAGE OF TOTAL CANCER * DEATHS BY AGE GROUPS, EACH YEAR 17-B

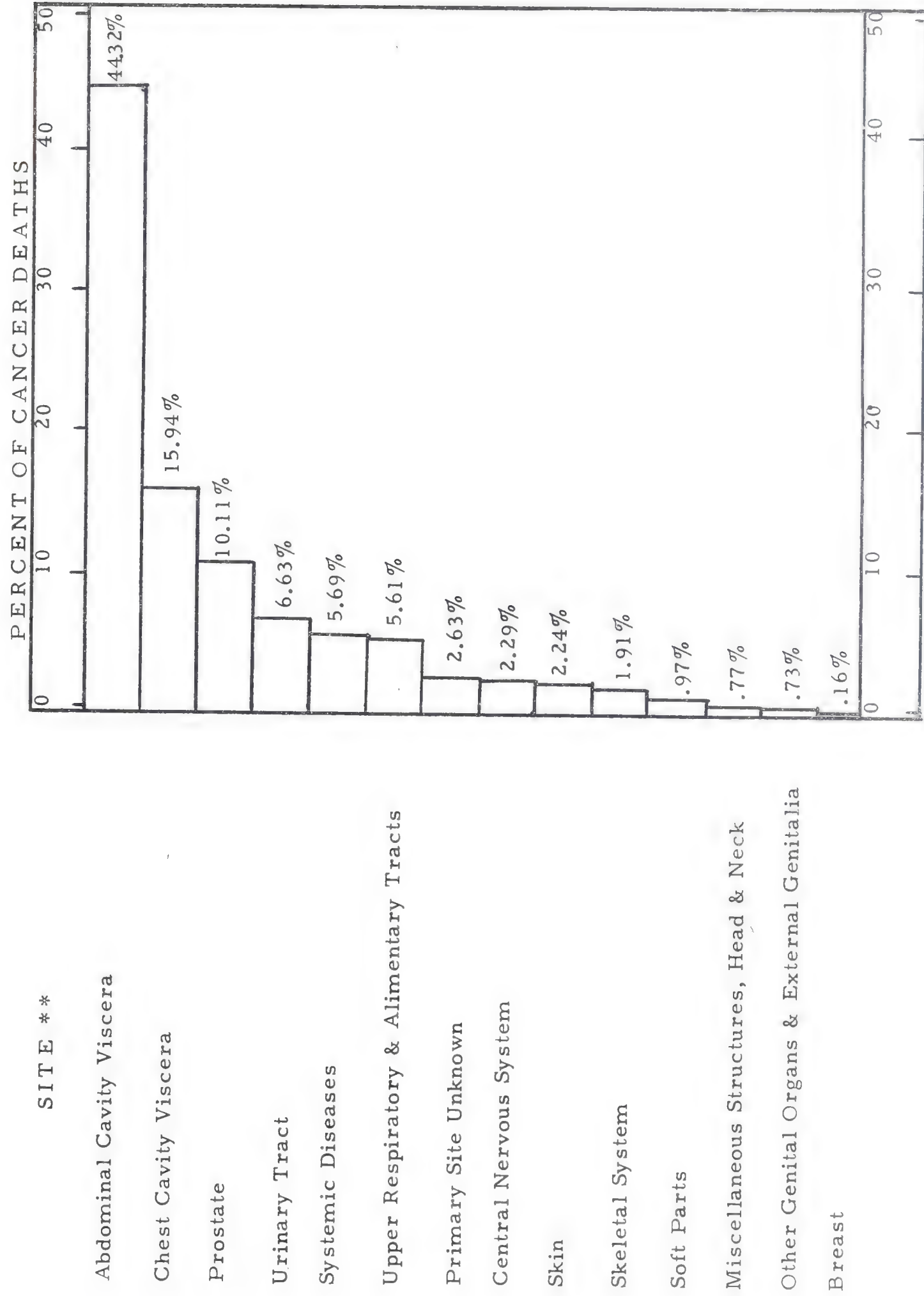
PENNSYLVANIA 1946-1950 (Residence)

AGE GROUPS	1946	1947	1948	1949	1950
Total Cancer Deaths	14334	14940	15842	16245	16693
Under 15 years	1.09%	1.11%	1.25%	1.33%	1.29%
15 - 24 years	.73%	.91%	.83%	.81%	.80%
25 - 34 years	1.93%	2.16%	2.04%	2.18%	2.18%
35 - 44 years	6.45%	6.27%	6.04%	5.99%	5.97%
45 - 54 years	15.41%	14.82%	14.46%	14.69%	13.76%
55 - 64 years	26.23%	26.02%	26.15%	25.56%	25.74%
65 - 74 years	28.90%	28.39%	28.92%	28.14%	28.53%
75 plus years	19.28%	20.32%	20.31%	21.30%	21.73%
TOTAL	100%	100%	100%	100%	100%

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

TOTAL MALE CANCER * DEATHS BY SITE PERCENTAGE

PENNSYLVANIA 1946-1950 (Residence)



** Nomenclature of Diagnosis in use at Memorial Hospital, New York City for the Treatment of Cancer and Allied Diseases has been used in this table.

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

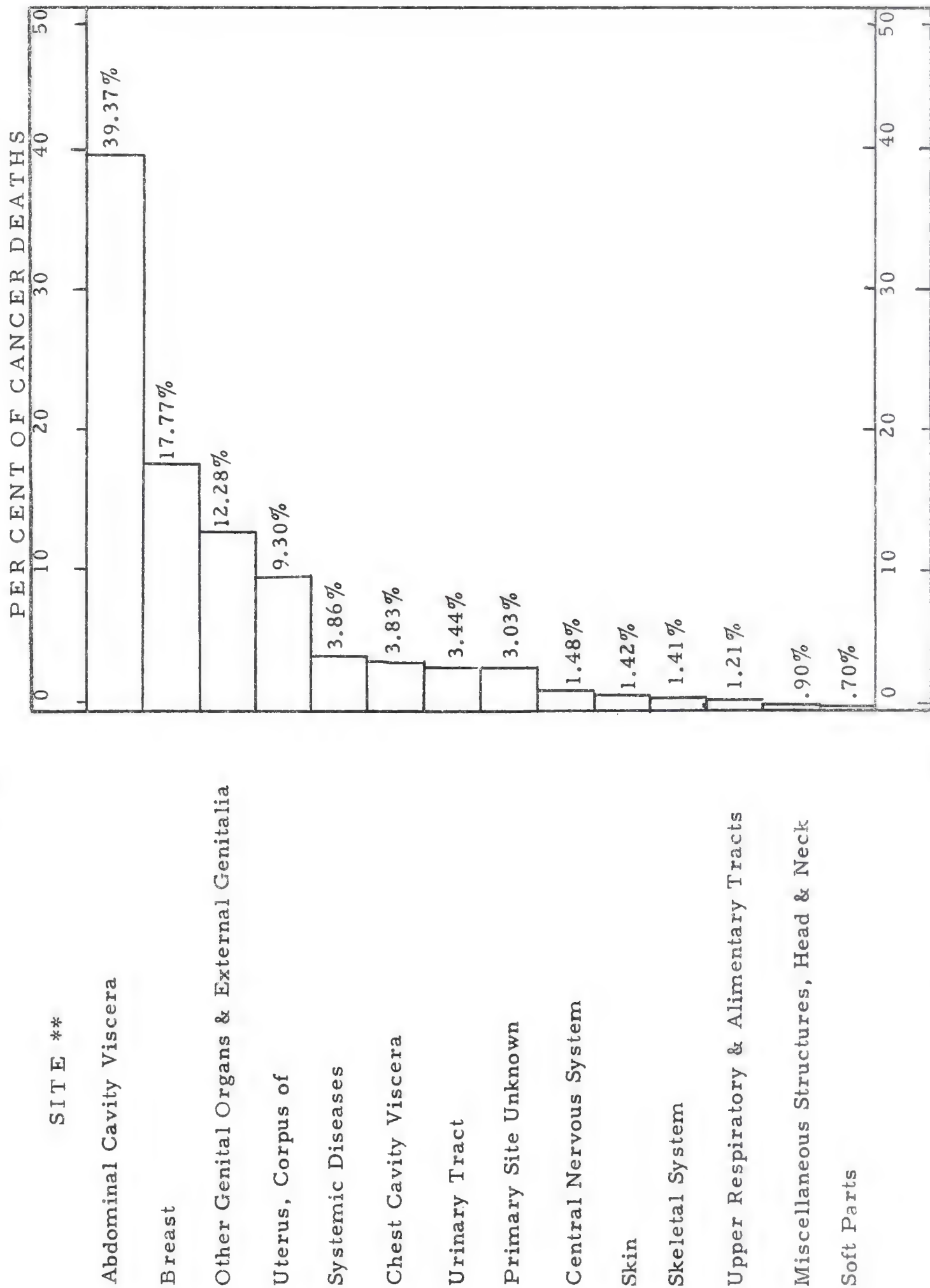
TOTAL MALE CANCER * DEATHS BY SITE AND COLOR, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

SITE	1946		1947		1948		1949		1950		TOTAL		PERCENT
	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	
Skin	161	7	155	6	187	3	169	6	165	3	837	25	2.24%
Soft Parts	71	3	88	1	72	-	62	8	65	4	358	16	.97%
Skeletal System	124	7	131	11	139	8	140	12	148	14	682	52	1.91%
Central Nervous System	157	10	149	5	112	7	201	16	214	9	833	47	2.29%
Upper Respiratory and Alimentary Tracts	370	29	399	17	409	23	422	19	436	27	2036	115	5.61%
Miscellaneous Structures													
Head and Neck	60	2	56	2	59	3	49	-	61	4	285	11	.77%
Breast	10	1	12	1	13	2	8	1	11	2	54	7	.16%
Chest Cavity Viscera	862	56	1062	77	1191	73	1244	106	1332	118	5691	430	15.94%
Abdominal Cavity Viscera	3118	149	3044	165	3269	182	3377	165	3344	209	16152	870	44.32%
Urinary Tract	425	13	438	19	523	19	497	16	575	20	2458	87	6.63%
Prostate	655	42	719	40	719	48	769	43	805	42	3667	215	10.11%
Other Genital Tract and External Genitalia	40	4	47	4	55	2	66	3	56	3	260	10	.75%
Systemic Diseases	365	16	338	10	465	25	443	25	472	26	2063	102	5.09%
Primary Site Unknown	132	13	158	5	221	17	228	17	207	16	942	50	2.63%
TOTAL	6550	352	6795	364	7434	412	7675	437	7889	497	36344	2062	100.0%

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

TOTAL FEMALE CANCER * DEATHS BY SITE PERCENTAGE
PENNSYLVANIA 1946-1950 (Residence)



*Diagnosis of Cancer Mentioned anywhere on Death Certificate
** Nomenclature of Diagnosis in use at Memorial Hospital, New York City for the Treatment of Cancer and Allied Diseases has been used in this table.

TOTAL FEMALE CANCER * DEATHS BY SITE AND COLOR, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

SITE	1946		1947		1948		1949		1950		TOTAL		PERCENT
	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	Wh.	Nwh.	
Skin	106	3	93	2	118	2	122	3	113	-	552	10	1.42%
Soft Parts	57	2	68	1	56	2	37	1	52	2	270	8	.70%
Skeletal System	107	2	104	7	99	4	113	16	102	4	525	33	1.41%
Central Nervous System	113	3	91	5	75	3	146	5	140	6	565	22	1.48%
Upper Respiratory and Alimentary Tracts	87	5	83	5	91	7	87	10	95	7	443	34	1.21%
Miscellaneous Structures													
Head and Neck	69	1	59	5	72	1	57	6	82	3	339	16	.90%
Breast	1223	58	1342	53	1310	68	1393	57	1460	82	6728	318	17.77%
Chest Cavity Viscera	230	15	283	7	303	22	298	13	330	19	1444	76	3.83%
Abdominal Cavity													
Viscera	2870	105	3003	130	3046	139	3062	125	2987	143	14968	642	39.37%
Urinary Tract	250	7	258	9	274	14	239	12	284	16	1305	58	3.44%
Uterus, Corpus of	761	68	702	63	667	55	626	54	638	53	3394	293	9.30%
Other Genital Tract and External Genitalia	795	73	846	74	914	84	952	73	972	85	4481	389	12.28%
Systemic Diseases	220	6	270	2	290	11	331	11	365	17	1485	47	3.86%
Primary Site Unknown	178	18	201	12	243	17	262	22	236	14	1120	83	3.03%
TOTAL	7066	366	7405	375	7567	429	7725	408	7856	451	37619	2029	100.0%

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

SITE	ADAMS			ALLEGHENY			ARMSTRONG			BEAVER		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	2	4	2.7	96	70	2.2	9	1	2.5	10	4	1.6
Soft Parts	-	1	.45	74	45	1.6	2	1	.74	3	3	.70
Skeletal System	5	-	2.3	115	68	2.5	3	5	2.0	10	8	2.1
Central Nervous System	5	1	2.7	154	88	3.3	2	3	1.2	18	5	2.7
Upper Respiratory and Alimentary Tracts	2	1	1.4	392	62	6.1	9	3	2.9	25	7	3.7
Miscellaneous Structures, Head & Neck	-	1	.45	46	47	1.3	5	3	2.0	5	7	1.4
Breast	-	28	12.6	6	994	13.5	-	46	11.3	2	82	9.8
Chest Cavity Viscera	6	2	3.6	1028	222	16.9	37	4	10.0	112	20	15.4
Abdominal Cavity Viscera	63	57	54.0	2538	2155	63.3	131	101	57.1	262	191	52.8
Urinary Tract	7	5	5.4	368	199	7.6	16	7	5.7	44	18	7.2
Prostate	15	-	6.8	506	-	6.8	27	-	6.6	49	-	5.7
Male Genital & External Genitalia	1	-	.45	31	-	.42	2	-	.49	2	-	.23
Uterus, Corpus of	-	14	6.3	-	471	6.4	-	24	5.9	-	44	5.1
Female Genital & External Genitalia	-	13	5.9	-	618	8.3	-	36	8.9	-	72	8.8
Systemic Diseases	10	6	7.2	302	216	7.0	22	8	7.4	43	8	6.0
Primary Site Unknown	4	2	2.7	142	166	4.2	8	3	2.7	11	9	2.4
TOTAL	120	135	114.9	5798	5421	151.4	273	245	127.4	596	478	125.2

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

23-C

SITE	BEDFORD			BERKS			BLAIR			BRADFORD		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	1	2	1.5	21	10	2.5	16	10	3.6	4	2	2.4
Soft Parts	-	1	.51	15	9	1.9	8	-	1.1	1	2	1.2
Skeletal System	5	4	4.6	18	10	2.3	9	7	2.2	6	6	4.7
Central Nervous System	3	2	2.5	18	19	3.0	8	8	2.2	3	2	2.0
Upper Respiratory and Alimentary Tracts	3	1	2.1	36	13	3.9	20	3	3.1	5	4	3.6
Miscellaneous Structures, Head & Neck	-	1	.51	3	9	.97	5	6	1.5	4	5	3.6
Breast	-	24	12.2	2	178	14.5	-	90	12.3	-	30	11.8
Chest Cavity Viscera	7	5	6.1	133	33	13.4	82	23	14.3	18	7	9.8
Abdominal Cavity Viscera	56	65	61.4	383	406	63.5	187	220	55.5	79	94	68.3
Urinary Tract	12	1	6.6	83	38	9.7	33	13	6.3	14	10	9.5
Prostate	13	-	6.6	100	-	8.0	69	-	9.4	35	-	13.8
Male Genital & External Genitalia	-	-	-	4	-	.32	4	-	.55	1	-	.39
Uterus, Corpus of	-	19	9.6	-	117	9.4	-	90	12.3	-	15	5.9
Female Genital & External Genitalia	-	5	2.5	-	130	10.5	-	74	10.1	-	24	9.4
Systemic Diseases	11	4	7.6	52	50	8.2	34	31	8.9	13	7	7.9
Primary Site Unknown	2	4	3.1	24	21	3.6	9	14	3.1	6	9	5.9
TOTAL	113	138	127.4	892	1043	155.7	484	589	146.5	189	217	160.2

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

24-C

SITE	BUCKS			BUTLER			CAMBRIA			CAMERON		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	12	7	2.9	9	4	2.8	16	9	2.3	-	-	-
Soft Parts	5	6	1.7	2	1	.65	4	10	1.3	2	-	5.6
Skeletal System	13	7	3.1	5	6	2.3	3	3	.54	-	-	-
Central Nervous System	6	6	1.9	8	4	2.6	12	3	1.4	1	1	5.6
Upper Respiratory and Alimentary Tracts	18	5	3.6	9	4	2.8	34	6	3.6	-	-	-
Miscellaneous Structures, Head & Neck	5	6	1.7	5	-	1.0	3	2	.45	-	-	-
Breast	2	98	15.5	1	50	11.0	-	107	9.6	-	3	8.4
Chest Cavity Viscera	63	19	12.7	30	11	8.9	86	23	9.8	2	2	11.2
Abdominal Cavity Viscera	198	154	54.5	125	147	58.9	321	282	54.2	8	7	42.3
Urinary Tract	47	14	9.5	12	8	4.3	49	32	7.3	1	-	2.8
Prostate	35	-	5.4	28	-	6.0	55	-	4.9	2	-	5.6
Male Genital & External Genitalia	5	-	.78	1	-	.21	3	-	.27	-	-	-
Uterus, Corpus of	-	50	7.8	-	26	5.6	-	52	4.7	-	1	2.8
Female Genital & External Genitalia	-	47	7.3	-	42	9.1	-	75	6.7	-	3	8.4
Systemic Diseases	27	19	7.1	22	21	9.3	47	25	6.5	-	-	-
Primary Site Unknown	11	18	4.5	13	16	6.3	15	25	3.6	-	-	-
TOTAL	447	456	140.0	270	340	131.7	648	654	117.2	16	17	92.7

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

25-C

SITE	CARBON			CENTRE			CHESTER			CLARION		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	5	4	2.9	7	2	3.2	16	11	3.7	1	1	1.0
Soft Parts	1	3	1.3	-	2	.70	6	6	1.6	2	2	2.1
Skeletal System	3	2	1.6	2	2	1.4	12	9	2.9	-	1	.52
Central Nervous System	3	2	1.6	5	-	1.8	13	7	2.7	4	-	2.1
Upper Respiratory and Alimentary Tracts	9	2	3.6	5	7	4.2	31	4	4.7	4	3	3.7
Miscellaneous Structures, Head & Neck	-	-	-	2	2	1.4	3	2	.68	1	1	1.0
Breast	-	37	12.1	1	37	13.3	-	99	13.4	-	22	11.5
Chest Cavity Viscera	27	4	10.1	26	10	12.6	65	26	12.3	12	4	8.3
Abdominal Cavity Viscera	103	108	69.0	75	78	53.7	225	232	62.0	56	54	57.7
Urinary Tract	12	6	5.9	10	2	4.2	41	17	7.9	15	5	10.5
Prostate	21	-	7.0	20	-	7.0	58	-	7.9	13	-	6.8
Male Genital & External Genitalia	5	-	1.6	3	-	1.1	7	-	.95	1	-	.52
Uterus, Corpus of	-	24	7.9	-	15	5.3	-	51	6.9	-	15	7.9
Female Genital & External Genitalia	-	33	10.8	-	25	8.8	-	71	9.6	-	19	10.0
Systemic Diseases	7	14	7.0	10	7	6.0	27	14	5.6	5	2	3.7
Primary Site Unknown	5	7	4.0	4	1	1.8	17	18	4.7	-	2	1.0
TOTAL	201	246	146.4	170	190	126.5	521	567	147.5	114	131	128.3

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

26-C

SITE	CLEARFIELD			CLINTON			COLUMBIA			CRAWFORD		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	9	5	3.2	3	-	1.6	9	5	5.3	6	4	2.5
Soft Parts	3	2	1.1	-	-	-	1	1	.76	1	2	.80
Skeletal System	4	8	2.8	1	2	1.6	2	3	1.9	6	3	2.3
Central Nervous System	7	1	1.9	1	2	1.6	3	2	1.9	2	3	1.3
Upper Respiratory and Alimentary Tracts	12	3	3.5	9	4	7.2	7	2	3.4	21	3	6.1
Miscellaneous Structures, Head & Neck	2	5	1.6	-	-	-	4	3	2.7	3	2	1.3
Breast	-	47	10.9	1	29	16.5	-	44	16.7	-	62	15.6
Chest Cavity Viscera	24	11	8.1	18	4	12.1	17	8	9.5	25	13	9.5
Abdominal Cavity Viscera	143	121	61.3	50	55	57.8	88	60	56.2	117	102	55.3
Urinary Tract	20	13	7.7	5	9	7.7	12	6	6.8	16	11	6.8
Prostate	45	-	10.4	26	-	14.3	23	-	8.7	58	-	14.6
Male Genital & External Genitalia	3	-	.70	1	-	.55	2	-	.76	5	-	1.3
Uterus, Corpus of	-	17	3.9	-	15	8.3	-	30	11.4	-	32	8.1
Female Genital & External Genitalia	-	30	6.9	-	15	8.3	-	23	8.7	-	45	11.3
Systemic Diseases	17	8	5.8	7	5	6.6	12	4	6.1	13	17	7.6
Primary Site Unknown	8	8	3.7	1	5	3.3	5	3	3.0	4	11	3.8
TOTAL	297	279	133.5	123	145	147.4	185	194	144.0	277	310	148.2

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

27-C

SITE	CUMBERLAND			DAUPHIN			DELAWARE			ELK		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	10	7	4.0	18	11	2.9	24	19	2.2	2	2	2.4
Soft Parts	2	3	1.2	7	2	.90	8	9	.86	-	-	-
Skeletal System	4	6	2.4	15	8	2.3	26	22	2.4	3	2	2.9
Central Nervous System	7	5	2.8	13	9	2.2	31	27	2.9	7	6	7.6
Upper Respiratory and Alimentary Tracts	20	4	5.7	42	10	5.2	65	25	4.5	6	2	4.7
Miscellaneous Structures, Head & Neck	5	3	1.9	9	4	1.3	9	16	1.3	-	1	.59
Breast	-	71	16.8	-	148	14.8	1	279	14.1	1	23	14.1
Chest Cavity Viscera	42	13	13.0	107	31	13.7	224	58	14.2	20	3	13.5
Abdominal Cavity Viscera	113	122	55.5	298	298	59.5	544	578	56.4	57	52	64.1
Urinary Tract	28	15	10.2	56	36	9.2	86	65	7.6	8	4	7.0
Prostate	36	-	8.5	78	-	7.8	124	-	6.2	22	-	12.9
Male Genital & External Genitalia	9	-	2.1	9	-	.90	7	-	.36	-	-	-
Uterus, Corpus of	-	33	7.8	-	87	8.7	-	131	6.6	-	11	6.5
Female Genital & External Genitalia	-	42	10.0	-	112	11.2	-	158	8.0	-	13	7.6
Systemic Diseases	15	12	6.4	34	34	6.8	92	55	7.4	6	7	7.6
Primary Site Unknown	13	13	6.2	23	22	4.5	24	32	2.8	4	2	3.5
TOTAL	304	349	154.5	709	812	151.9	1265	1474	137.8	136	128	154.9

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

28-C

SITE	ERIE			FAYETTE			FOREST			FRANKLIN		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	20	9	2.7	22	11	3.4	-	-	-	4	4	2.2
Soft Parts	8	9	1.6	4	8	1.3	-	-	-	1	-	.26
Skeletal System	21	14	3.3	7	12	2.0	-	-	-	4	3	1.9
Central Nervous System	26	18	4.2	12	4	1.7	-	-	-	11	2	3.5
Upper Respiratory and Alimentary Tracts	52	9	5.8	26	8	3.5	2	-	7.8	10	5	4.0
Miscellaneous Structures, Head & Neck	9	10	1.8	1	2	.31	-	-	-	3	-	.81
Breast	1	133	12.8	-	81	8.4	-	2	7.8	2	42	11.8
Chest Cavity Viscera	114	23	13.0	84	25	11.3	1	-	3.9	24	11	9.4
Abdominal Cavity Viscera	378	304	65.1	316	256	59.6	7	7	54.4	78	102	48.4
Urinary Tract	73	34	10.2	26	17	4.5	2	-	7.8	14	11	6.7
Prostate	72	-	6.9	79	-	8.2	6	-	23.4	24	-	6.5
Male Genital & External Genitalia	5	-	.50	3	-	.31	-	-	-	-	-	-
Uterus, Corpus of	-	82	7.8	-	61	6.4	-	1	3.9	-	26	7.0
Female Genital & External Genitalia	-	105	10.0	-	85	8.9	-	3	11.7	-	33	8.9
Systemic Diseases	40	23	6.5	33	27	6.3	-	-	-	17	12	7.8
Primary Site Unknown	16	24	3.8	11	16	2.8	-	1	3.9	9	11	5.4
TOTAL	835	802	156.0	624	613	128.9	18	14	124.6	201	262	124.6

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **

29-C

PENNSYLVANIA 1946-1950 (Residence)

SITE	FULTON			GREENE			HUNTINGDON			INDIANA		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	1	1	3.5	3	1	1.8	3	1	1.9	5	3	2.0
Soft Parts	-	-	-	-	-	-	1	-	.47	3	1	1.0
Skeletal System	1	-	1.8	1	3	1.8	1	3	1.9	6	1	1.8
Central Nervous System	-	-	-	4	4	3.5	2	1	1.4	4	2	1.5
Upper Respiratory and Alimentary Tracts	1	-	1.8	4	3	3.0	4	-	1.9	12	4	4.1
Miscellaneous Structures, Head & Neck	-	-	-	-	1	.43	-	2	.95	2	2	1.0
Breast	-	6	10.6	-	16	6.9	1	23	11.4	-	36	9.2
Chest Cavity Viscera	5	-	8.8	12	3	6.4	15	3	8.5	22	6	7.2
Abdominal Cavity Viscera	19	9	49.4	56	52	46.8	52	74	60.1	134	97	59.0
Urinary Tract	2	1	5.3	8	4	5.2	4	1	2.4	11	4	3.8
Prostate	5	-	8.8	22	-	9.5	15	-	7.2	17	-	4.3
Male Genital & External Genitalia	-	-	-	2	-	.86	-	-	-	4	-	1.0
Uterus, Corpus of	-	6	10.6	-	22	9.5	-	10	4.8	-	32	8.2
Female Genital & External Genitalia	-	6	10.6	-	8	3.5	-	27	12.9	-	28	7.1
Systemic Diseases	1	-	1.8	12	5	7.4	2	2	1.9	17	12	7.4
Primary Site Unknown	1	-	1.8	4	8	5.2	3	5	3.8	3	4	1.8
TOTAL	36	29	114.8	128	130	111.7	103	152	121.5	240	232	120.5

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

30-C

SITE	JEFFERSON			JUNIATA			LACKAWANNA			LANCASTER		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	10	2	4.7	-	-	-	23	15	3.0	23	14	3.2
Soft Parts	1	1	.79	-	-	-	12	5	1.3	6	8	1.2
Skeletal System	-	2	.79	-	1	1.3	25	17	3.3	20	19	3.4
Central Nervous System	4	2	2.4	1	-	1.3	22	12	2.6	20	12	2.8
Upper Respiratory and Alimentary Tracts	4	3	2.8	1	1	2.5	65	15	6.2	23	4	2.4
Miscellaneous Structures, Head & Neck	2	2	1.6	-	-	-	10	6	1.2	2	9	1.0
Breast	-	28	11.0	-	9	11.4	-	207	16.1	4	161	14.6
Chest Cavity Viscera	13	5	7.1	7	3	12.7	150	38	14.6	66	33	8.7
Abdominal Cavity Viscera	79	67	57.5	14	23	46.9	595	544	88.4	324	373	61.6
Urinary Tract	10	5	5.9	1	2	3.8	88	44	10.3	55	35	8.0
Prostate	20	-	7.9	7	-	8.9	89	-	6.9	85	-	7.5
Male Genital & External Genitalia	2	-	.79	-	-	-	8	-	.62	6	-	.53
Uterus, Corpus of	-	24	9.5	-	3	3.8	-	87	6.7	-	69	6.1
Female Genital & External Genitalia	-	23	9.1	-	6	7.6	-	130	10.1	-	119	10.5
Systemic Diseases	15	10	9.8	8	-	10.1	48	37	6.6	51	31	7.2
Primary Site Unknown	2	6	3.2	-	2	2.5	31	24	4.3	20	36	5.0
TOTAL	162	180	134.8	39	50	112.8	1166	1181	182.2	705	923	143.7

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

31-C

SITE	LAWRENCE			LEBANON			LEHIGH			LUZERNE		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	6	7	2.6	6	7	3.1	16	9	2.6	30	25	2.7
Soft Parts	6	3	1.8	1	-	.24	9	6	1.5	20	10	1.5
Skeletal System	7	9	3.2	6	4	2.4	13	9	2.2	30	26	2.7
Central Nervous System	6	5	2.1	3	7	2.4	19	8	2.7	29	26	2.7
Upper Respiratory and Alimentary Tracts	11	2	2.6	14	4	4.3	40	6	4.7	96	23	5.8
Miscellaneous Structures, Head & Neck	1	-	.20	2	1	.72	3	4	.72	15	23	1.8
Breast	-	66	13.1	1	53	12.9	-	131	13.4	3	238	11.7
Chest Cavity Viscera	62	16	15.5	26	6	7.6	115	28	14.6	224	52	13.4
Abdominal Cavity Viscera	169	133	60.2	96	95	45.6	346	242	60.1	671	626	62.9
Urinary Tract	21	5	5.2	9	9	4.3	53	23	7.8	84	43	6.2
Prostate	35	-	7.0	35	-	8.4	89	-	9.1	104	-	5.0
Male Genital & External Genitalia	2	-	.40	2	-	.48	7	-	.72	8	-	.39
Uterus, Corpus of	-	29	5.8	-	54	12.9	-	88	9.0	-	152	7.4
Female Genital & External Genitalia	-	47	9.4	-	27	6.5	-	129	13.2	-	166	8.0
Systemic Diseases	17	19	7.2	18	7	6.0	49	26	7.7	78	59	6.7
Primary Site Unknown	6	11	3.4	5	7	2.9	17	18	3.6	30	37	3.2
TOTAL	349	352	139.7	224	281	120.7	776	727	153.6	1422	1506	142.1

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

32-C

SITE	LYCOMING			McKEAN			MERCER			MIFFLIN		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	8	5	2.6	7	-	2.5	16	5	3.9	3	-	1.4
Soft Parts	5	3	1.6	1	-	.35	5	2	1.3	-	1	.46
Skeletal System	4	2	1.2	4	3	2.5	10	3	2.4	2	-	.93
Central Nervous System	8	8	3.2	2	2	1.4	9	4	2.4	3	1	1.9
Upper Respiratory and Alimentary Tracts	18	7	5.0	7	3	3.5	20	7	5.0	6	1	3.3
Miscellaneous Structures, Head & Neck	3	4	1.4	3	3	2.1	6	7	2.4	1	2	1.4
Breast	1	65	13.3	-	45	15.9	1	73	13.6	-	25	11.6
Chest Cavity Viscera	47	15	12.4	16	2	6.3	53	12	12.0	9	2	5.1
Abdominal Cavity Viscera	149	152	60.4	77	84	56.9	207	153	66.3	47	41	40.9
Urinary Tract	24	15	7.8	9	4	4.6	28	11	7.1	5	5	4.6
Prostate	60	-	12.0	22	-	7.8	48	-	8.8	3	-	1.4
Male Genital & External Genitalia	2	-	.40	3	-	1.0	1	-	.18	1	-	.46
Uterus, Corpus of	-	39	7.8	-	23	8.1	-	44	8.1	-	8	3.7
Female Genital & External Genitalia	-	72	14.5	-	20	7.1	-	53	9.7	-	18	8.4
Systemic Diseases	20	21	8.2	11	9	7.1	19	18	6.8	7	5	5.6
Primary Site Unknown	10	16	5.2	5	6	3.9	7	6	2.4	1	5	2.8
TOTAL	359	424	157.0	167	204	131.0	430	398	152.4	88	114	93.9

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

33-C

SITE	MONROE			MONTGOMERY			MONTAUR			NORTHAMPTON		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	6	3	5.6	39	17	3.3	1	1	2.6	13	13	2.9
Soft Parts	1	-	.63	1	11	.72	-	1	1.3	5	-	.52
Skeletal System	5	1	3.8	25	16	2.5	-	1	1.3	10	12	2.4
Central Nervous System	1	1	1.3	28	20	2.9	1	-	1.3	12	13	2.8
Upper Respiratory and Alimentary Tracts	8	1	5.6	71	16	5.2	2	-	2.6	46	8	6.0
Miscellaneous Structures, Head & Neck	-	-	-	8	19	1.6	1	-	1.3	3	6	1.0
Breast	-	23	14.5	7	306	18.7	1	11	15.6	2	105	11.8
Chest Cavity Viscera	21	9	19.0	195	52	14.8	2	1	3.9	135	25	17.6
Abdominal Cavity Viscera	55	64	75.0	467	483	56.8	24	22	59.8	323	252	63.5
Urinary Tract	16	4	12.6	81	43	7.4	3	3	7.8	50	25	8.3
Prostate	7	-	4.4	140	-	8.4	6	-	7.8	61	-	6.7
Male Genital & External Genitalia	3	-	1.9	7	-	.42	-	-	-	4	-	.44
Uterus, Corpus of	-	16	10.1	-	100	5.9	-	5	6.5	-	62	6.8
Female Genital & External Genitalia	-	16	10.1	-	145	8.7	-	8	10.4	-	73	8.1
Systemic Diseases	5	4	5.6	81	54	8.1	2	2	5.2	34	35	7.6
Primary Site Unknown	2	7	5.6	27	35	3.7	1	1	2.6	27	17	4.9
TOTAL	130	149	175.7	1177	1317	149.1	44	56	130.0	725	646	151.3

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

34-C

SITE	NORTHUMBERLAND			PERRY			PHILADELPHIA			PIKE		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	6	9	2.5	2	1	2.5	156	138	2.8	3	1	10.5
Soft Parts	3	3	1.0	-	1	.85	71	59	1.2	-	-	-
Skeletal System	10	9	3.2	1	4	4.2	163	138	2.9	-	-	-
Central Nervous System	10	3	2.2	3	1	3.4	214	157	3.5	1	-	2.6
Upper Respiratory and Alimentary Tracts	11	5	2.7	-	-	-	580	109	6.5	3	1	10.5
Miscellaneous Structures, Head & Neck	4	6	1.7	1	1	1.7	60	80	1.3	-	-	-
Breast	-	67	11.3	-	15	12.8	12	1663	15.9	-	5	13.1
Chest Cavity Viscera	50	15	10.9	12	3	12.8	1882	403	21.7	3	1	10.5
Abdominal Cavity Viscera	200	190	65.9	39	31	59.7	3721	3510	68.5	24	11	91.9
Urinary Tract	26	11	6.2	6	-	5.1	583	339	8.7	2	1	7.9
Prostate	38	-	6.4	19	-	16.2	814	-	7.7	7	-	18.4
Male Genital & External Genitalia	3	-	.51	-	-	-	63	-	.60	-	-	-
Uterus, Corpus of	-	46	7.8	-	11	9.3	-	699	6.6	-	7	18.4
Female Genital & External Genitalia	-	49	8.3	-	10	8.5	-	1180	11.1	-	3	7.9
Systemic Diseases	21	13	5.7	5	2	5.9	485	344	7.9	-	-	-
Primary Site Unknown	9	11	3.4	4	2	5.1	288	332	5.9	1	1	5.3
TOTAL	391	437	139.7	92	82	148.0	9092	9151	172.8	44	31	197.0

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

35-C

SITE	POTTER			SCHUYLKILL			SNYDER			SOMERSET		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	2	-	2.4	18	11	2.8	1	5	5.5	6	4	2.4
Soft Parts	-	1	1.2	9	5	1.3	1	-	.92	1	3	.97
Skeletal System	1	2	3.6	11	10	2.0	-	1	.92	5	3	1.9
Central Nervous System	1	-	1.2	15	13	2.7	1	-	.92	3	9	2.9
Upper Respiratory and Alimentary Tracts	1	-	1.2	57	6	6.0	1	2	2.8	13	2	3.7
Miscellaneous Structures, Head & Neck	1	5	7.2	4	6	.95	-	-	-	4	2	1.5
Breast	-	8	9.6	2	126	12.1	-	11	10.1	-	36	8.8
Chest Cavity Viscera	5	2	8.5	84	21	9.9	4	4	7.3	22	7	7.1
Abdominal Cavity Viscera	31	27	69.9	383	341	68.5	32	40	66.4	129	103	56.5
Urinary Tract	3	1	4.8	33	19	4.9	3	4	6.4	15	3	4.4
Prostate	10	-	12.1	57	-	5.4	12	-	11.1	28	-	6.8
Male Genital & External Genitalia	1	-	1.2	4	-	.38	2	-	1.8	3	-	.73
Uterus, Corpus of	-	7	8.5	-	118	11.2	-	12	11.1	-	26	6.3
Female Genital & External Genitalia	-	11	13.3	-	92	8.7	-	5	4.6	-	17	4.1
Systemic Diseases	-	1	1.2	40	19	5.6	10	3	12.0	14	12	6.3
Primary Site Unknown	2	4	7.2	16	34	4.7	1	1	1.8	7	6	3.2
TOTAL	58	69	153.1	733	821	147.1	68	88	143.6	250	233	117.6

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

36-C

SITE	SULLIVAN			SUSQUEHANNA			TIOGA			UNION		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	-	-	-	3	3	3.8	4	2	3.5	2	-	1.8
Soft Parts	-	-	-	-	1	.63	2	2	2.3	1	-	.94
Skeletal System	1	1	5.7	3	3	3.8	2	3	2.9	2	2	3.8
Central Nervous System	-	-	-	4	1	3.2	3	2	2.9	2	-	1.8
Upper Respiratory and Alimentary Tracts	1	-	2.9	3	1	2.5	2	1	1.8	3	-	2.8
Miscellaneous Structures, Head & Neck	-	-	-	1	-	.63	-	4	2.3	-	2	1.8
Breast	-	2	5.7	1	24	15.8	-	20	11.8	-	12	11.3
Chest Cavity Viscera	2	2	11.4	10	1	6.9	7	8	8.8	5	5	9.4
Abdominal Cavity Viscera	9	7	45.6	58	64	76.9	62	69	77.0	28	21	46.1
Urinary Tract	6	-	17.1	7	3	6.3	9	7	9.4	5	1	5.6
Prostate	6	-	17.1	14	-	8.8	32	-	18.8	12	-	11.3
Male Genital & External Genitalia	-	-	-	-	-	-	1	-	.59	1	-	.94
Uterus, Corpus of	-	1	2.9	-	11	6.9	-	17	10.0	-	8	7.5
Female Genital & External Genitalia	-	5	14.2	-	13	8.2	-	11	6.5	-	13	12.2
Systemic Diseases	-	1	2.9	6	7	8.2	8	8	9.4	2	6	7.5
Primary Site Unknown	-	-	-	4	7	6.9	1	2	1.8	2	3	4.7
TOTAL	25	19	125.5	114	139	159.5	133	156	169.8	65	73	129.4

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

37-C

SITE	VENANGO			WARREN			WASHINGTON			WAYNE		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	6	6	3.7	9	2	5.5	20	7	2.6	5	2	5.0
Soft Parts	1	2	.93	2	-	1.0	11	6	1.6	3	-	2.1
Skeletal System	5	2	2.2	2	1	1.5	14	4	1.7	5	2	5.0
Central Nervous System	4	2	1.9	9	2	5.5	13	18	3.0	2	-	1.4
Upper Respiratory and Alimentary Tracts	4	9	4.0	8	2	5.0	39	9	4.6	8	-	5.6
Miscellaneous Structures, Head & Neck	2	1	.93	2	-	1.0	4	3	.66	-	1	.71
Breast	-	50	15.6	2	33	17.5	-	116	11.0	-	20	14.1
Chest Cavity Viscera	24	12	11.1	22	5	13.5	122	32	14.6	10	3	9.2
Abdominal Cavity Viscera	111	102	66.2	78	59	68.4	358	268	59.4	60	51	78.5
Urinary Tract	13	8	6.5	13	6	9.5	52	21	6.9	10	5	10.6
Prostate	25	-	7.8	29	-	14.5	90	-	8.5	11	-	7.8
Male Genital & External Genitalia	3	-	.93	1	-	.50	6	-	.57	1	-	.71
Uterus, Corpus of	-	25	7.8	-	14	7.0	-	74	7.0	-	15	10.6
Female Genital & External Genitalia	-	33	10.3	-	25	12.5	-	86	8.2	-	19	13.4
Systemic Diseases	8	3	3.4	10	11	10.5	36	34	6.6	7	-	5.0
Primary Site Unknown	9	11	6.2	4	4	4.0	23	21	4.2	2	1	2.1
TOTAL	215	266	149.5	191	164	177.4	788	699	141.1	124	119	171.8

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE, COUNTY, SEX AND SITE RATE **
PENNSYLVANIA 1946-1950 (Residence)

38-

SITE	WESTMORELAND			WYOMING			YORK			STATE TOTAL		
	M	F	Rate	M	F	Rate	M	F	Rate	M	F	Rate
Skin	29	15	2.8	3	1	5.0	23	12	3.5	862	562	2.7
Soft Parts	18	7	1.6	1	-	1.3	8	4	1.2	374	278	1.3
Skeletal System	20	13	2.1	-	-	-	17	7	2.4	734	558	2.5
Central Nervous System	21	13	2.2	-	2	2.5	13	6	1.9	880	587	2.8
Upper Respiratory and Alimentary Tracts	54	9	4.1	4	-	5.0	30	13	4.3	2151	477	5.1
Miscellaneous Structures, Head & Neck	10	10	1.3	1	-	1.3	8	7	1.5	296	355	1.3
Breast	-	164	10.6	-	13	16.4	3	145	14.7	61	7046	13.7
Chest Cavity Viscera	147	39	11.9	6	2	10.0	74	29	10.2	6121	1520	14.7
Abdominal Cavity Viscera	472	395	55.9	35	35	88.2	289	292	57.9	17022	15610	62.1
Urinary Tract	60	33	6.0	2	2	5.0	36	17	5.3	2545	1363	7.5
Prostate	94	-	6.1	11	-	13.9	54	-	5.4	3882	-	7.5
Male Genital & External Genitalia	9	-	.60	1	-	1.3	7	-	.70	282	-	.60
Uterus, Corpus of	-	92	5.9	-	7	8.8	-	70	7.0	-	3687	7.2
Female Genital & External Genitalia	-	116	7.5	-	5	6.3	-	106	10.5	-	4870	9.4
Systemic Diseases	72	39	7.2	5	1	7.6	43	31	7.4	2185	1532	7.1
Primary Site Unknown	35	29	4.1	1	5	7.6	11	15	2.6	1011	1203	4.3
TOTAL	1041	974	129.9	70	73	180.2	616	754	136.5	38406	39648	-

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

** - per 100,000 Population.

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER
PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 2.7

COUNTY	RATE	COUNTY	RATE	COUNTY	RATE
Pike	10.5	Lebanon	3.1	Northumberland	2.5
Monroe	5.6	Lackawanna	3.0	Perry	2.5
Snyder	5.5	Dauphin	2.9	Bradford	2.4
Warren	5.5	Bucks	2.9	Elk	2.4
Columbia	5.3	Carbon	2.9	Potter	2.4
Wayne	5.0	Northampton	2.9	Somerset	2.4
Wyoming	5.0	Westmoreland	2.8	Cambria	2.3
Jefferson	4.7	Philadelphia	2.8	Allegheny	2.2
Cumberland	4.0	Butler	2.8	Delaware	2.2
Mercer	3.9	Schuylkill	2.8	Franklin	2.2
Susquehanna	3.8	Adams	2.7	Indiana	2.0
Venango	3.7	Erie	2.7	Huntingdon	1.9
Chester	3.7	Luzerne	2.7	Greene	1.8
Blair	3.6	Lawrence	2.6	Union	1.8
Fulton	3.5	Lehigh	2.6	Beaver	1.6
Tioga	3.5	Lycoming	2.6	Clinton	1.6
York	3.5	Montour	2.6	Bedford	1.5
Fayette	3.4	Washington	2.6	Mifflin	1.4
Montgomery	3.3	Armstrong	2.5	Clarion	1.0
Centre	3.2	Berks	2.5	Cameron	.0
Clearfield	3.2	Crawford	2.5	Forest	.0
Lancaster	3.2	McKean	2.5	Juniata	.0
				Sullivan	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Skin of Head, Neck, Upper and Lower Extremities, Trunk and
Generalized, Multiple or Location not Specified

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER
PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 1.3

COUNTY	RATE	COUNTY	RATE	COUNTY	RATE
Cameron	5.6	Wyoming	1.3	Armstrong	.74
Tioga	2.3	Bradford	1.2	Montgomery	.72
Clarion	2.1	Cumberland	1.2	Beaver	.70
Wayne	2.1	Lancaster	1.2	Centre	.70
Berks	1.9	Potter	1.2	Butler	.65
Lawrence	1.8	Philadelphia	1.2	Monroe	.63
Bucks	1.7	York	1.2	Susquehanna	.63
Allegheny	1.6	Blair	1.1	Northampton	.52
Chester	1.6	Clearfield	1.1	Bedford	.51
Erie	1.6	Indiana	1.0	Huntingdon	.47
Lycoming	1.6	Northumberland	1.0	Mifflin	.46
Washington	1.6	Warren	1.0	Adams	.45
Westmoreland	1.6	Somerset	.97	McKean	.35
Lehigh	1.5	Union	.94	Franklin	.26
Luzerne	1.5	Venango	.93	Lebanon	.24
Lackawanna	1.3	Snyder	.92	Clinton	.0
Cambria	1.3	Dauphin	.90	Elk	.0
Carbon	1.3	Delaware	.86	Forest	.0
Fayette	1.3	Perry	.85	Fulton	.0
Mercer	1.3	Crawford	.80	Greene	.0
Montour	1.3	Jefferson	.79	Juniata	.0
Schuylkill	1.3	Columbia	.76	Pike	.0
				Sullivan	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Soft Parts of Head, Neck, Upper and Lower Extremities, Trunk, Generalized, Multiple or Location not specified

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 2.5

COUNTY	RATE	COUNTY	RATE	COUNTY	RATE
Sullivan	5.7	McKean	2.5	Franklin	1.9
Wayne	5.0	Montgomery	2.5	Huntingdon	1.9
Bradford	4.7	Cumberland	2.4	Somerset	1.9
Bedford	4.6	Delaware	2.4	Fulton	1.8
Perry	4.2	Lebanon	2.4	Greene	1.8
Monroe	3.8	Mercer	2.4	Indiana	1.8
Susquehanna	3.8	Northampton	2.4	Washington	1.7
Union	3.8	York	2.4	Carbon	1.6
Potter	3.6	Berks	2.3	Clinton	1.6
Lancaster	3.4	Butler	2.3	Warren	1.5
Erie	3.3	Crawford	2.3	Centre	1.4
Lackawanna	3.3	Dauphin	2.3	Juniata	1.3
Lawrence	3.2	Adams	2.3	Montour	1.3
Northumberland	3.2	Blair	2.2	Lycoming	1.2
Bucks	3.1	Lehigh	2.2	Mifflin	.93
Tioga	2.9	Venango	2.2	Snyder	.92
Elk	2.9	Beaver	2.1	Jefferson	.79
Chester	2.9	Westmoreland	2.1	Cambria	.54
Philadelphia	2.9	Armstrong	2.0	Clarion	.52
Clearfield	2.8	Fayette	2.0	Cameron	.0
Luzerne	2.7	Schuylkill	2.0	Forest	.0
Allegheny	2.5	Columbia	1.9	Pike	.0
				Wyoming	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Skeletal System (Includes Skull, Spine, Bones of Lower and Upper
Extremities, Bones of Thorax, Pelvis, Generalized, Multiple or
Location not Specified, Joints or Synovial Membranes.)

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 2.8

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Elk	7.6	Chester	2.7	Mifflin	1.9
Cameron	5.6	Lehigh	2.7	Venango	1.9
Warren	5.5	Luzerne	2.7	York	1.9
Erie	4.2	Schuylkill	2.7	Centre	1.8
Franklin	3.5	Butler	2.6	Union	1.8
Greene	3.5	Lackawanna	2.6	Fayette	1.7
Philadelphia	3.5	Pike	2.6	Carbon	1.6
Perry	3.4	Bedford	2.5	Clinton	1.6
Allegheny	3.3	Wyoming	2.5	Indiana	1.5
Lycoming	3.2	Jefferson	2.4	Huntingdon	1.4
Susquehanna	3.2	Lebanon	2.4	McKean	1.4
Berks	3.0	Mercer	2.4	Wayne	1.4
Washington	3.0	Blair	2.2	Cambria	1.4
Delaware	2.9	Dauphin	2.2	Crawford	1.3
Montgomery	2.9	Northumberland	2.2	Juniata	1.3
Somerset	2.9	Westmoreland	2.2	Monroe	1.3
Tioga	2.9	Clarion	2.1	Montour	1.3
Northampton	2.8	Lawrence	2.1	Armstrong	1.2
Lancaster	2.8	Bradford	2.0	Potter	1.2
Cumberland	2.8	Bucks	1.9	Snyder	.92
Adams	2.7	Clearfield	1.9	Forest	.0
Beaver	2.7	Columbia	1.9	Fulton	.0
				Sullivan	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Central Nervous System (Includes Brain, Spinal Cord and Membranes).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE.# RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 5.1

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Pike	10.5	Lehigh	4.7	Mifflin	3.3
Forest	7.8	Washington	4.6	Blair	3.1
Clinton	7.2	Delaware	4.5	Greene	3.0
Philadelphia	6.5	Lebanon	4.3	Armstrong	2.9
Lackawanna	6.2	York	4.3	Sullivan	2.9
Allegheny	6.1	Centre	4.2	Butler	2.8
Crawford	6.1	Indiana	4.1	Jefferson	2.8
Northampton	6.0	Westmoreland	4.1	Snyder	2.8
Schuylkill	6.0	Franklin	4.0	Union	2.8
Erie	5.8	Venango	4.0	Northumberland	2.7
Luzerne	5.8	Berks	3.9	Lawrence	2.6
Cumberland	5.7	Beaver	3.7	Montour	2.6
Monroe	5.6	Clarion	3.7	Junata	2.5
Wayne	5.6	Somerset	3.7	Susquehanna	2.5
Dauphin	5.2	Bradford	3.6	Lancaster	2.4
Montgomery	5.2	Bucks	3.6	Bedford	2.1
Lycoming	5.0	Carbon	3.6	Huntingdon	1.9
Warren	5.0	Cambria	3.6	Fulton	1.8
Wyoming	5.0	Clearfield	3.5	Tioga	1.8
Mercer	5.0	Fayette	3.5	Adams	1.4
Chester	4.7	McKean	3.5	Potter	1.2
Elk	4.7	Columbia	3.4	Cameron	.0
				Perry	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate.

**Upper Respiratory and Alimentary Tracts

(Includes Lip, Mucosa of Cheek, Gingiva, Gum, Alveolar area, Palate, Floor of Mouth, Tongue, Nasal Cavity, Nasopharynx, Pharyngeal wall, Pharynx, Larynx, Sinuses, and Oral Cavity, Generalized, Multiple or location not specified).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 1.3

COUNTY	RATE	COUNTY	RATE	COUNTY	RATE
Potter	7.2	Lycoming	1.4	Lebanon	.72
Bradford	3.6	Mifflin	1.4	Lehigh	.72
Columbia	2.7	Allegheny	1.3	Wayne	.71
Mercer	2.4	Crawford	1.3	Chester	.68
Tioga	2.3	Dauphin	1.3	Washington	.66
McKean	2.1	Delaware	1.3	Susquehanna	.63
Armstrong	2.0	Montour	1.3	Elk	.59
Cumberland	1.9	Philadelphia	1.3	Bedford	.51
Union	1.8	Westmoreland	1.3	Adams	.45
Erie	1.8	Wyoming	1.3	Cambria	.45
Luzerne	1.8	Lackawanna	1.2	Greene	.43
Bucks	1.7	Butler	1.0	Fayette	.31
Northumberland	1.7	Clarion	1.0	Lawrence	.20
Perry	1.7	Indiana	1.0	Cameron	.0
Clearfield	1.6	Lancaster	1.0	Carbon	.0
Jefferson	1.6	Northampton	1.0	Clinton	.0
Montgomery	1.6	Warren	1.0	Forest	.0
Blair	1.5	Berks	.97	Fulton	.0
Somerset	1.5	Huntingdon	.95	Juniata	.0
York	1.5	Schuylkill	.95	Monroe	.0
Beaver	1.4	Venango	.93	Pike	.0
Centre	1.4	Franklin	.81	Snyder	.0
				Sullivan	.0

*Diagnosis of Cancer mentioned anywhere on Death Certificate

**Miscellaneous Structures-Head and Neck (Includes Eye, Orbital cavity, Conjunctivae, Mastoid Cells, Inner and Middle Ear, Eustachian Tube, Salivary, Parotid, Submaxillary and Sublingual Salivary Glands).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 13.7

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Montgomery	18.7	Mercer	13.6	Clarion	11.5
Warren	17.5	Allegheny	13.5	Huntingdon	11.4
Cumberland	16.8	Lehigh	13.4	Juniata	11.4
Columbia	16.7	Chester	13.4	Northumberland	11.3
Clinton	16.5	Centre	13.3	Armstrong	11.3
Wyoming	16.4	Lycoming	13.3	Union	11.3
Lackawanna	16.1	Lawrence	13.1	Butler	11.0
McKean	15.9	Pike	13.1	Jefferson	11.0
Philadelphia	15.9	Lebanon	12.9	Washington	11.0
Susquehanna	15.8	Erie	12.8	Clearfield	10.9
Montour	15.6	Perry	12.8	Westmoreland	10.6
Venango	15.6	Adams	12.6	Fulton	10.6
Crawford	15.6	Blair	12.3	Snyder	10.1
Bucks	15.5	Bedford	12.2	Beaver	9.8
Dauphin	14.8	Schuylkill	12.1	Cambria	9.6
York	14.7	Carbon	12.1	Potter	9.6
Lancaster	14.6	Northampton	11.8	Indiana	9.2
Berks	14.5	Tioga	11.8	Somerset	8.8
Monroe	14.5	Franklin	11.8	Cameron	8.4
Delaware	14.1	Bradford	11.8	Fayette	8.4
Wayne	14.1	Luzerne	11.7	Forest	7.8
Elk	14.1	Mifflin	11.6	Greene	6.9
				Sullivan	5.7

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Breast and Nipple (Male and Female)

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946 - 1950 (Residence)

STATE RATE 14.7

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Philadelphia	21.7	Centre	12.6	Union	9.4
Monroe	19.0	Lycoming	12.4	Wayne	9.2
Northampton	17.6	Chester	12.3	Butler	8.9
Allegheny	16.9	Clinton	12.1	Tioga	8.8
Lawrence	15.5	Mercer	12.0	Fulton	8.8
Beaver	15.4	Westmoreland	11.9	Lancaster	8.7
Montgomery	14.8	Sullivan	11.4	Huntingdon	8.5
Lehigh	14.6	Fayette	11.3	Potter	8.5
Washington	14.6	Cameron	11.2	Clarion	8.3
Lackawanna	14.6	Venango	11.1	Clearfield	8.1
Blair	14.3	Northumberland	10.9	Lebanon	7.6
Delaware	14.2	Pike	10.5	Snyder	7.3
Dauphin	13.7	York	10.2	Indiana	7.2
Elk	13.5	Carbon	10.1	Jefferson	7.1
Warren	13.5	Armstrong	10.0	Somerset	7.1
Berks	13.4	Wyoming	10.0	Susquehanna	6.9
Luzerne	13.4	Schuylkill	9.9	Greene	6.4
Erie	13.0	Bradford	9.8	McKean	6.3
Cumberland	13.0	Cambria	9.8	Bedford	6.1
Perry	12.8	Crawford	9.5	Mifflin	5.1
Bucks	12.7	Columbia	9.5	Montour	3.9
Juniata	12.7	Franklin	9.4	Forest	3.9
				Adams	3.6

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Chest Cavity Viscera (Includes Trachea, Bronchial Tree, Lungs, Bronchus, Pleura, Heart,
Pericardium and Aorta, Esophagus, Mediastinum, Mediastinal Lymph
nodes and Thymus).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 62.1

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Pike	91.9	Luzerne	62.9	Montgomery	56.8
Lackawanna	88.4	Chester	62.0	Somerset	56.5
Wyoming	88.2	Lancaster	61.6	Delaware	56.4
Wayne	78.5	Bedford	61.4	Columbia	56.2
Tioga	77.0	Clearfield	61.3	Westmoreland	55.9
Susquehanna	76.9	Lycoming	60.4	Blair	55.5
Monroe	75.0	Lawrence	60.2	Cumberland	55.5
Potter	69.9	Lehigh	60.1	Crawford	55.3
Carbon	69.0	Huntingdon	60.1	Bucks	54.5
Philadelphia	68.5	Montour	59.8	Forest	54.4
Schuylkill	68.5	Perry	59.7	Cambria	54.2
Warren	68.4	Fayette	59.6	Adams	54.0
Bradford	68.3	Dauphin	59.5	Centre	53.7
Snyder	66.4	Washington	59.4	Beaver	52.8
Mercer	66.3	Indiana	59.0	Fulton	49.4
Venango	66.2	Butler	58.9	Franklin	48.4
Northumberland	65.9	York	57.9	Juniata	46.9
Erie	65.1	Clinton	57.8	Greene	46.8
Elk	64.1	Clarion	57.7	Union	46.1
Berks	63.5	Jefferson	57.5	Lebanon	45.6
Northampton	63.5	Armstrong	57.1	Sullivan	45.6
Allegheny	63.3	McKean	56.9	Cameron	42.3
				Mifflin	40.9

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Abdominal Cavity Viscera(Includes: Diaphragm, Peritoneum Mesentery, Unclassified
Abdominal Tumors, Stomach, Liver, Gall Bladder and Ducts,
Spleen, Intestines, Rectum and Anus).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 7.5

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Sullivan	17.1	Clearfield	7.7	Jefferson	5.9
Monroe	12.6	Clinton	7.7	Armstrong	5.7
Wayne	10.6	Allegheny	7.6	Union	5.6
Clarion	10.5	Delaware	7.6	Adams	5.4
Lackawanna	10.3	Montgomery	7.4	Fulton	5.3
Cumberland	10.2	Cambria	7.3	York	5.3
Erie	10.2	Beaver	7.2	Greene	5.2
Berks	9.7	Mercer	7.1	Lawrence	5.2
Bradford	9.5	Elk	7.0	Perry	5.1
Bucks	9.5	Washington	6.9	Wyoming	5.0
Warren	9.5	Columbia	6.8	Schuylkill	4.9
Tioga	9.4	Crawford	6.8	Potter	4.8
Dauphin	9.2	Franklin	6.7	McKean	4.6
Philadelphia	8.7	Bedford	6.6	Mifflin	4.6
Northampton	8.3	Venango	6.5	Fayette	4.5
Lancaster	8.0	Snyder	6.4	Somerset	4.4
Chester	7.9	Blair	6.3	Butler	4.3
Pike	7.9	Susquehanna	6.3	Lebanon	4.3
Forest	7.8	Northumberland	6.2	Centre	4.2
Lehigh	7.8	Luzerne	6.2	Indiana	3.8
Lycoming	7.8	Westmoreland	6.0	Juniata	3.8
Montour	7.8	Carbon	5.9	Cameron	2.8
				Huntingdon	2.4

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Urinary Tract Male and Female (Includes Kidney, Adrenal, Ureter, Urinary Bladder and Urethra).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 7.5

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Forest	23.4	Fulton	8.8	Lackawanna	6.9
Tioga	18.8	Columbia	8.7	Clarion	6.8
Pike	18.4	Cumberland	8.5	Allegheny	6.8
Sullivan	17.1	Washington	8.5	Somerset	6.8
Perry	16.2	Montgomery	8.4	Adams	6.8
Crawford	14.6	Lebanon	8.4	Northampton	6.7
Warren	14.5	Fayette	8.2	Armstrong	6.6
Clinton	14.3	Berks	8.0	Bedford	6.6
Wyoming	13.9	Chester	7.9	Franklin	6.5
Bradford	13.8	Jefferson	7.9	Northumberland	6.4
Elk	12.9	Dauphin	7.8	Delaware	6.2
Potter	12.1	McKean	7.8	Westmoreland	6.1
Lycoming	12.0	Montour	7.8	Butler	6.0
Union	11.3	Venango	7.8	Beaver	5.7
Snyder	11.1	Wayne	7.8	Cameron	5.6
Clearfield	10.4	Philadelphia	7.7	Schuylkill	5.4
Greene	9.5	Lancaster	7.5	Bucks	5.4
Blair	9.4	Huntingdon	7.2	York	5.4
Lehigh	9.1	Lawrence	7.0	Luzerne	5.0
Juniata	8.9	Carbon	7.0	Cambria	4.9
Mercer	8.8	Centre	7.0	Monroe	4.4
Susquehanna	8.8	Erie	6.9	Indiana	4.3
				Mifflin	1.4

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Prostate, Seminal Vesicles and Adnexae

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE .60

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Cumberland	2.1	York	.70	Bradford	.39
Monroe	1.9	Lackawanna	.62	Luzerne	.39
Snyder	1.8	Philadelphia	.60	Schuylkill	.38
Carbon	1.6	Westmoreland	.60	Delaware	.36
Wyoming	1.3	Tioga	.59	Berks	.32
Crawford	1.3	Washington	.57	Fayette	.31
Potter	1.2	Blair	.55	Cambria	.27
Centre	1.1	Clinton	.55	Beaver	.23
Indiana	1.0	Lancaster	.53	Butler	.21
McKean	1.0	Clarion	.52	Mercer	.18
Chester	.95	Northumberland	.51	Bedford	.0
Union	.94	Warren	.50	Cameron	.0
Venango	.93	Erie	.50	Elk	.0
Dauphin	.90	Armstrong	.49	Forest	.0
Greene	.86	Lebanon	.48	Franklin	.0
Jefferson	.79	Mifflin	.46	Fulton	.0
Bucks	.78	Adams	.45	Huntingdon	.0
Columbia	.76	Northampton	.44	Juniata	.0
Somerset	.73	Montgomery	.42	Perry	.0
Lehigh	.72	Allegheny	.42	Pike	.0
Wayne	.71	Lawrence	.40	Sullivan	.0
Clearfield	.70	Lycoming	.40	Susquehanna	.0
				Montour	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Male Genital and External Genitalia (Includes Glands and Foreskin of Penis, Testis, Epididymis, Spermatic Cord).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 7.2

COUNTY	RATE	COUNTY	RATE	COUNTY	RATE
Pike	18.4	McKean	8.1	Montour	6.5
Lebanon	12.9	Mercer	8.1	Elk	6.5
Blair	12.3	Clarion	7.9	Fayette	6.4
Columbia	11.4	Carbon	7.9	Allegheny	6.4
Schuylkill	11.2	Venango	7.8	Adams	6.3
Snyder	11.1	Northumberland	7.8	Somerset	6.3
Fulton	10.6	Erie	7.8	Lancaster	6.1
Wayne	10.6	Lycoming	7.8	Montgomery	5.9
Monroe	10.1	Cumberland	7.8	Bradford	5.9
Tioga	10.0	Bucks	7.8	Westmoreland	5.9
Bedford	9.6	Union	7.5	Armstrong	5.9
Greene	9.5	Luzerne	7.4	Lawrence	5.8
Jefferson	9.5	Franklin	7.0	Butler	5.6
Berks	9.4	Warren	7.0	Centre	5.3
Perry	9.3	Washington	7.0	Beaver	5.1
Lehigh	9.0	York	7.0	Huntingdon	4.8
Wyoming	8.8	Susquehanna	6.9	Cambria	4.7
Dauphin	8.7	Chester	6.9	Clearfield	3.9
Potter	8.5	Northampton	6.8	Forest	3.9
Clinton	8.3	Lackawanna	6.7	Juniata	3.8
Indiana	8.2	Delaware	6.6	Mifflin	3.7
Crawford	8.1	Philadelphia	6.6	Sullivan	2.9
				Cameron	2.8

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Corpus of the Uterus

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 9.4

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Lycoming	14.5	Clarion	10.0	Clinton	8.3
Sullivan	14.2	Cumberland	10.0	Susquehanna	8.2
Wayne	13.4	Erie	10.0	Washington	8.2
Potter	13.3	Mercer	9.7	Northampton	8.1
Lehigh	13.2	Chester	9.6	Delaware	8.0
Huntingdon	12.9	Bradford	9.4	Luzerne	8.0
Warren	12.5	Lawrence	9.4	Pike	7.9
Union	12.2	Butler	9.1	Elk	7.6
Forest	11.7	Jefferson	9.1	Juniata	7.6
Crawford	11.3	Armstrong	8.9	Westmoreland	7.5
Dauphin	11.2	Fayette	8.9	Bucks	7.3
Philadelphia	11.1	Franklin	8.9	Indiana	7.2
Carbon	10.8	Centre	8.8	McKean	7.1
Fulton	10.6	Columbia	8.7	Clearfield	6.9
Berks	10.5	Montgomery	8.7	Cambria	6.7
Lancaster	10.5	Schuylkill	8.7	Tioga	6.5
York	10.5	Perry	8.5	Lebanon	6.5
Montour	10.4	Beaver	8.4	Wyoming	6.3
Venango	10.3	Cameron	8.4	Adams	5.9
Blair	10.1	Mifflin	8.4	Snyder	4.6
Lackawanna	10.1	Allegheny	8.3	Somerset	4.1
Monroe	10.1	Northumberland	8.3	Greene	3.5
				Bedford	2.5

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Female Genital Tract and External Genitalia (Includes Cervix of Uterus, Ovaries, Fallopian tubes, Vagina, Labia minora, Clitoris, Bartholin's Gland and Vulva).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 7.1

COUNTY	RATE	COUNTY	RATE	COUNTY	RATE
Snyder	12.0	Delaware	7.4	Fayette	6.3
Warren	10.5	Greene	7.4	Columbia	6.1
Juniata	10.1	Indiana	7.4	Lebanon	6.0
Jefferson	9.8	York	7.4	Centre	6.0
Tioga	9.4	Lancaster	7.2	Beaver	6.0
Butler	9.3	Lawrence	7.2	Perry	5.9
Blair	8.9	Adams	7.2	Clearfield	5.8
Berks	8.2	Westmoreland	7.2	Northumberland	5.7
Lycoming	8.2	Bucks	7.1	Monroe	5.6
Susquehanna	8.2	McKean	7.1	Schuylkill	5.6
Montgomery	8.1	Allegheny	7.0	Mifflin	5.6
Bradford	7.9	Carbon	7.0	Chester	5.6
Philadelphia	7.9	Mercer	6.8	Montour	5.2
Franklin	7.8	Dauphin	6.8	Wayne	5.0
Lehigh	7.7	Luzerne	6.7	Clarion	3.7
Wyoming	7.6	Clinton	6.6	Venango	3.4
Crawford	7.6	Lackawanna	6.6	Sullivan	2.9
Bedford	7.6	Washington	6.6	Huntingdon	1.9
Northampton	7.6	Cambria	6.5	Fulton	1.8
Elk	7.6	Erie	6.5	Potter	1.2
Union	7.5	Cumberland	6.4	Cameron	.0
Armstrong	7.4	Somerset	6.3	Forest	.0
				Pike	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Systemic Diseases (Includes Leukemias, Hodgkin's Disease, Generalized Lymphosarcomas and Others).

#Per 100,000 Population

TOTAL CANCER * DEATHS BY SITE ** AND COUNTY RATE # RANK ORDER

PENNSYLVANIA 1946-1950 (Residence)

STATE RATE 4.3

<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>	<u>COUNTY</u>	<u>RATE</u>
Wyoming	7.6	Washington	4.2	Blair	3.1
Potter	7.2	Allegheny	4.2	Bedford	3.1
Susquehanna	6.9	Westmoreland	4.1	Columbia	3.0
Butler	6.3	Warren	4.0	Lebanon	2.9
Venango	6.2	Carbon	4.0	Mifflin	2.8
Cumberland	6.2	Forest	3.9	Fayette	2.8
Philadelphia	5.9	McKean	3.9	Delaware	2.8
Bradford	5.9	Crawford	3.8	Adams	2.7
Monroe	5.6	Erie	3.8	Armstrong	2.7
Franklin	5.4	Huntingdon	3.8	Montour	2.6
Pike	5.3	Clearfield	3.7	York	2.6
Greene	5.2	Montgomery	3.7	Juniata	2.5
Lycoming	5.2	Berks	3.6	Mercer	2.4
Perry	5.1	Cambria	3.6	Beaver	2.4
Lancaster	5.0	Lehigh	3.6	Wayne	2.1
Northampton	4.9	Elk	3.5	Centre	1.8
Schuylkill	4.7	Lawrence	3.4	Indiana	1.8
Union	4.7	Northumberland	3.4	Tioga	1.8
Chester	4.7	Clinton	3.3	Snyder	1.8
Dauphin	4.5	Somerset	3.2	Fulton	1.8
Bucks	4.5	Luzerne	3.2	Clarion	1.0
Lackawanna	4.3	Jefferson	3.2	Cameron	.0
				Sullivan	.0

*Diagnosis of Cancer Mentioned anywhere on Death Certificate

**Metastatic Cancer (Generalized or no Primary Discovered).

#Per 100,000 Population

TABLE XII

55-C

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946 - 1950 (Residence)

(UPPER RESPIRATORY AND ALIMENTARY TRACTS)

YEAR	Under 15		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 Plus		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1946	3	-	2	2	4	2	11	4	47	7	120	26	125	22	87	29	399	92
1947	1	1	-	-	3	2	17	9	56	15	116	16	129	16	94	29	416	88
1948	-	-	2	1	2	4	14	6	58	14	119	23	153	25	84	25	432	98
1949	2	-	-	-	2	4	17	6	58	8	112	26	151	27	99	26	441	97
1950	-	1	-	-	2	2	10	7	57	18	143	29	157	18	94	27	463	102
TOTAL	6	2	4	3	13	14	69	32	276	62	610	120	715	108	458	136	2151	477
Combined Percent	.31%		.26%		1.03%		3.84%		12.86%		27.78%		31.32%		22.60%		100.00%	

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(BREAST)

YEAR	Under 15		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 Plus		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1946	-	-	-	1	-	26	-	142	1	268	4	312	3	318	3	214	11	1281
1947	-	-	-	1	-	43	-	143	2	282	4	368	6	309	1	249	13	1395
1948	-	-	-	2	-	29	-	149	1	293	6	341	3	322	5	242	15	1378
1949	-	-	-	1	-	41	-	153	1	292	2	362	3	326	3	275	9	1450
1950	-	1	-	-	-	41	-	168	-	325	5	378	2	329	6	300	13	1542
TOTAL	-	1	-	5	-	180	-	755	5	1460	21	1761	17	1604	18	1280	61	7046
Combined Percent	.02%		.07%		2.53%		10.62%		20.61%		25.08%		22.81%		18.26%		100.00%	

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(CHEST CAVITY VISCERA)

YEAR	Under 15		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 Plus		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1946	1	-	2	4	5	2	43	16	189	37	358	73	236	77	84	36	918	245
1947	7	2	5	3	14	3	72	21	232	50	419	72	290	85	100	54	1139	290
1948	4	-	7	2	14	12	61	20	227	57	509	94	335	87	107	53	1264	325
1949	5	3	6	1	11	4	56	22	277	44	512	88	370	87	113	62	1350	311
1950	3	-	6	3	10	4	51	21	271	40	535	109	422	97	152	75	1450	349
TOTAL	20	5	26	13	54	25	283	100	1196	228	2333	436	1653	433	556	280	6121	1520
Combined Percent	.33%		.51%		1.03%		5.01%		18.64%		36.24%		27.30%		10.94%		100.00%	

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(ABDOMINAL CAVITY VISCERA)

YEAR	Under 15		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 Plus		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1946	7	5	5	7	27	30	115	119	434	392	939	733	1108	957	632	732	3267	2975
1947	2	3	13	13	36	28	110	143	404	351	863	788	1092	986	689	821	3209	3133
1948	7	4	10	9	30	40	124	139	418	401	984	756	1179	1003	699	833	3451	3185
1949	15	7	9	4	42	41	122	110	410	378	906	893	1206	979	832	875	3542	3187
1950	8	2	8	9	30	42	127	122	407	321	937	751	1189	1033	847	850	3553	3130
TOTAL	39	21	45	42	163	181	598	633	2073	1843	4629	3821	5774	4958	3699	4111	17022	15610
Combined Percent	.18%		.27%		1.06%		3.77%		12.00%		25.90%		32.89%		23.93%		100.00%	

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(URINARY TRACTS)

YEAR	Under 15		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 Plus		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1946	10	4	-	-	2	2	17	8	63	36	117	55	138	85	91	67	438	257
1947	7	7	3	-	2	2	16	5	66	33	129	59	139	82	95	79	457	267
1948	21	9	1	1	4	4	22	10	51	31	175	64	153	87	115	82	542	288
1949	10	6	2	-	2	4	16	14	49	29	129	44	173	85	132	69	513	251
1950	10	15	2	2	8	2	17	9	70	34	136	66	185	91	167	81	595	300
TOTAL	58	41	8	3	18	14	88	46	299	163	686	288	788	430	600	378	2545	1363
Combined Percent	2.53%		.28%		.82%		3.43%		11.82%		24.92%		31.17%		25.03%		100.00%	

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(PROSTATE, SEMINAL VESICLES AND ADNEXAE)

YEAR	Under 15	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 Plus	TOTAL
1946	-	1	-	6	16	104	284	286	697
1947	-	-	-	2	19	116	313	309	759
1948	-	1	-	2	22	104	291	347	767
1949	1	-	-	2	27	130	306	346	812
1950	-	-	-	2	21	113	329	382	847
TOTAL	1	2	-	14	105	567	1523	1670	3882
Combined Percent	.03%	.05%	-	.36%	2.70%	14.61%	39.23%	43.02%	100.00%

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(CORPUS OF UTERUS)

Y E A R	Under 15	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 Plus	TOTAL
1946	-	1	18	91	163	236	204	116	829
1947	-	2	21	66	147	196	222	111	765
1948	-	3	14	53	122	209	203	118	722
1949	1	4	11	60	131	187	176	110	680
1950	-	2	9	59	123	192	195	111	691
TOTAL	1	12	73	329	686	1020	1000	566	3687
Combined Percent	.03%	.33%	1.98%	8.92%	18.61%	27.66%	27.12%	15.35%	100.00%

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(OTHER GENITAL TRACT AND EXTERNAL GENITALIA)
Females

YEAR	Under 15	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 Plus	TOTAL
1946	1	8	37	142	223	221	159	77	868
1947	4	10	45	141	216	258	158	90	922
1948	4	7	44	146	224	244	213	116	998
1949	2	8	51	143	263	270	180	108	1025
1950	3	6	50	152	270	293	179	104	1057
TOTAL	14	39	227	724	1196	1286	889	495	4870
Combined Percent	.29%	.80%	4.66%	14.87%	24.56%	26.41%	18.35%	10.16%	100.00%

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.

TOTAL CANCER * DEATHS BY SELECTED SITE, SEX AND AGE, EACH YEAR

PENNSYLVANIA 1946-1950 (Residence)

(SYSTEMIC DISEASES)

YEAR	Under 15		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 Plus		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1946	47	26	18	16	34	26	44	24	52	40	91	37	73	39	22	18	381	226
1947	44	29	24	19	28	26	41	31	53	52	72	59	55	40	31	16	348	272
1948	57	41	34	24	34	31	61	25	87	40	102	67	76	62	39	20	490	310
1949	59	47	34	16	36	22	51	33	72	40	91	86	77	63	48	35	468	342
1950	49	41	27	10	43	34	48	45	61	45	114	83	106	70	50	54	498	382
TOTAL	256	184	137	85	175	139	245	158	325	217	470	332	387	274	190	143	2185	1532
Combined Percent	11.84%		5.97%		8.45%		10.84%		14.58%		21.58%		17.78%		8.96%		100.00%	

* Diagnosis of Cancer Mentioned anywhere on Death Certificate.



